

10/27/2017



RELIABILITY MONITOR REPORT  
FOR

**WLP Package**

**MAXIM INTEGRATED**

160 RIO ROBLES  
SAN JOSE, CA 95134

This Report was prepared by  
**MAXIM INTEGRATED Reliability Engineering**

**Summary:**

The data in the tables that follow was generated as the result of an on-going Package Reliability Monitor. The specific assemblies included in this package monitor are:

| ASSY SITE       | PINS | PACKAGE         |                 |                    |
|-----------------|------|-----------------|-----------------|--------------------|
| ASE Kaoshiung   |      | TWLP (Pb-Free)  | ASE Kaoshiung   | 4 TWLP (Pb-Free)   |
| ASE Kaoshiung   | 6    | TWLP (Pb-Free)  | ASE Kaoshiung   | 8 TWLP (Pb-Free)   |
| ASE Kaoshiung   | 9    | TWLP (Pb-Free)  | ASE Kaoshiung   | 12 TWLP (Pb-Free)  |
| ASE Kaoshiung   | 15   | TWLP (Pb-Free)  | ASE Kaoshiung   | 19 TWLP (Pb-Free)  |
| ASE Kaoshiung   | 25   | TWLP (Pb-Free)  | ASE Kaoshiung   | 30 TWLP (Pb-Free)  |
| ASE Kaoshiung   | 36   | TWLP (Pb-Free)  | ASE Kaoshiung   | 49 TWLP (Pb-Free)  |
| ASE Kaoshiung   | 8    | UTWLP (Pb-Free) | ASE Kaoshiung   | 9 UTWLP (Pb-Free)  |
| ASE Kaoshiung   | 4    | WLP (Pb-Free)   | ASE Kaoshiung   | 6 WLP (Pb-Free)    |
| ASE Kaoshiung   | 8    | WLP (Pb-Free)   | ASE Kaoshiung   | 12 WLP (Pb-Free)   |
| ASE Kaoshiung   | 15   | WLP (Pb-Free)   | ASE Kaoshiung   | 16 WLP (Pb-Free)   |
| ASE Kaoshiung   | 20   | WLP (Pb-Free)   | ASE Kaoshiung   | 30 WLP (Pb-Free)   |
| ASE Kaoshiung   | 35   | WLP (Pb-Free)   | ASE Kaoshiung   | 36 WLP (Pb-Free)   |
| ASE Kaoshiung   | 42   | WLP (Pb-Free)   | ASE Kaoshiung   | 49 WLP (Pb-Free)   |
| ASE Kaoshiung   | 53   | WLP (Pb-Free)   | ASE Kaoshiung   | 54 WLP (Pb-Free)   |
| ASE Kaoshiung   | 59   | WLP (Pb-Free)   | ASE Kaoshiung   | 60 WLP (Pb-Free)   |
| ASE Kaoshiung   | 61   | WLP (Pb-Free)   | ASE Kaoshiung   | 62 WLP (Pb-Free)   |
| ASE Kaoshiung   | 63   | WLP (Pb-Free)   | ASE Kaoshiung   | 64 WLP (Pb-Free)   |
| ASE Kaoshiung   | 65   | WLP (Pb-Free)   | ASE Kaoshiung   | 66 WLP (Pb-Free)   |
| ASE Kaoshiung   | 67   | WLP (Pb-Free)   | ASE Kaoshiung   | 68 WLP (Pb-Free)   |
| ASE Kaoshiung   | 69   | WLP (Pb-Free)   | ASE Kaoshiung   | 70 WLP (Pb-Free)   |
| ASE Kaoshiung   | 71   | WLP (Pb-Free)   | ASE Kaoshiung   | 72 WLP (Pb-Free)   |
| ASE Kaoshiung   | 73   | WLP (Pb-Free)   | ASE Kaoshiung   | 74 WLP (Pb-Free)   |
| ASE Kaoshiung   | 75   | WLP (Pb-Free)   | ASE Kaoshiung   | 76 WLP (Pb-Free)   |
| ASE Kaoshiung   | 77   | WLP (Pb-Free)   | ASE Kaoshiung   | 81 WLP (Pb-Free)   |
| ASE Kaoshiung   | 100  | WLP (Pb-Free)   | ASE Kaoshiung   | 110 WLP (Pb-Free)  |
| ASE Kaoshiung   | 121  | WLP (Pb-Free)   | ASE Kaoshiung   | 132 WLP (Pb-Free)  |
| ASE Kaoshiung   | 225  | WLP (Pb-Free)   | ASE Kaoshiung   | 9 WLP-HC (Pb-Free) |
| ASE Penang      | 6    | TWLP (Pb-Free)  | ASE Penang      | 36 TWLP (Pb-Free)  |
| ASE Penang      | 49   | WLP (Pb-Free)   | ASE Penang      | 99 WLP (Pb-Free)   |
| ASE Penang      | 110  | WLP (Pb-Free)   | ASEK-BMP        | 110 WLP (Pb-Free)  |
| ASEK-BMP        | 156  | WLP (Pb-Free)   | Dallas          | 36 TWLP (Pb-Free)  |
| Dallas          | 49   | TWLP (Pb-Free)  | Dallas          | 49 UTWLP (Pb-Free) |
| Dallas          | 6    | WLP (Pb-Free)   | Dallas          | 36 WLP (Pb-Free)   |
| Dallas          | 49   | WLP (Pb-Free)   | Dallas-Maxfilm  | 36 TWLP (Pb-Free)  |
| Dallas-Maxfilm  | 6    | WLP (Pb-Free)   | Dallas-Maxfilm  | 36 WLP (Pb-Free)   |
| Dallas-Maxfilm  | 49   | WLP (Pb-Free)   | Dallas-Maxfilm  | 50 WLP (Pb-Free)   |
| Dallas-Maxfilm  | 51   | WLP (Pb-Free)   | Dallas-Maxfilm  | 52 WLP (Pb-Free)   |
| Dallas-Maxfilm  | 55   | WLP (Pb-Free)   | Dallas-Maxfilm  | 56 WLP (Pb-Free)   |
| Dallas-Maxfilm  | 57   | WLP (Pb-Free)   | Dallas-Maxfilm  | 58 WLP (Pb-Free)   |
| JCAP            | 4    | TWLP (Pb-Free)  | JCAP            | 8 TWLP (Pb-Free)   |
| JCAP            | 36   | WLP (Pb-Free)   | JCAP            | 81 WLP (Pb-Free)   |
| JCAP            | 99   | WLP (Pb-Free)   | JCAP            | 144 WLP (Pb-Free)  |
| JCAP            | 156  | WLP (Pb-Free)   | JCAP            | 225 WLP (Pb-Free)  |
| MAXIM PHILIPPIN | 6    | TWLP (Pb-Free)  | MAXIM PHILIPPIN | 4 WLP (Pb-Free)    |

The calculated failure rate for this assembly is:

**FAILURE RATE: MTTF (YRS): 871729 FITS: 0.1**

The parameters used to calculate this failure rate are as follows:

**Cf: 60%                      Ea: 0.7                      Tu: 25 °C**

The reliability data follows. At the start of this data is a description of the assembly vehicle used to generate this reliability data. The next section is the detailed reliability data for each stress. The reliability data section includes the latest data available. This report covers data between 7/1/2017 and 9/30/2017

---

**Assembly Information:**

Package Type: TWLP (Pb-Free)

Date Code Range: 1606 to 1730

---

**OPERATING LIFE**

| DESCRIPTION       | DATE CODE | TEST VEHICLE      | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|-------------------|-----------|-------------------|-----------|-----------|----------|-------|-------|
| HIGH TEMP OP LIFE |           | MAX2679BENS+      | 135°C     | 750 HRS   | 80       | 0     |       |
| HIGH TEMP OP LIFE |           | MAX2679BENS+      | 135°C     | 750 HRS   | 80       | 0     |       |
| HIGH TEMP OP LIFE |           | MAX2679BENS+      | 135°C     | 500 HRS   | 80       | 0     |       |
| HIGH TEMP OP LIFE |           | MAX2679BENS+      | 135°C     | 1000 HRS  | 80       | 0     |       |
| HIGH TEMP OP LIFE |           | MAX5394LANA+TCG S | 135°C     | 1000 HRS  | 77       | 0     |       |
| HIGH TEMP OP LIFE |           | MAX5394LANA+TCG S | 135°C     | 1000 HRS  | 77       | 0     |       |
| HIGH TEMP OP LIFE |           | MAX5394LANA+TCG S | 135°C     | 1000 HRS  | 77       | 0     |       |
| HIGH TEMP OP LIFE | 1617      | MAX40000ANT12+T   | 135°C     | 192 HRS   | 80       | 0     |       |
| HIGH TEMP OP LIFE | 1622      | MAX40100          | 135°C     | 192 HRS   | 80       | 0     |       |
| HIGH TEMP OP LIFE | 1632      | MAX77057ENV+T     | 135°C     | 1000 HRS  | 80       | 0     |       |
| HIGH TEMP OP LIFE | 1636      | MAX77057ENV+T     | 135°C     | 1000 HRS  | 80       | 0     |       |
| HIGH TEMP OP LIFE | 1636      | MAX77057ENV+T     | 135°C     | 1000 HRS  | 80       | 0     |       |
| HIGH TEMP OP LIFE | 1637      | MAX11291ENX+TCL 6 | 135°C     | 192 HRS   | 80       | 0     |       |
| HIGH TEMP OP LIFE | 1637      | MAX40009ANT+      | 135°C     | 192 HRS   | 80       | 0     |       |
| HIGH TEMP OP LIFE | 1638      | MAX11291ENX+TCL 6 | 135°C     | 192 HRS   | 80       | 0     |       |
| HIGH TEMP OP LIFE | 1641      | MAX40007ANT+T     | 135°C     | 192 HRS   | 80       | 0     |       |
| HIGH TEMP OP LIFE | 1642      | MAX40004ANS02+    | 135°C     | 1000 HRS  | 80       | 0     |       |
| HIGH TEMP OP LIFE | 1643      | MAX14708ENA+TG7   | 135°C     | 1000 HRS  | 80       | 0     |       |
| HIGH TEMP OP LIFE | 1645      | MAX14708ENA+TG7   | 135°C     | 1000 HRS  | 80       | 0     |       |
| HIGH TEMP OP LIFE | 1646      | MAX40004ANS02+T   | 135°C     | 192 HRS   | 80       | 0     |       |
| HIGH TEMP OP LIFE | 1647      | MAX40001ANT22+    | 135°C     | 192 HRS   | 48       | 0     |       |
| HIGH TEMP OP LIFE | 1648      | MAX20319ENL+TG7   | 135°C     | 1000 HRS  | 80       | 0     |       |
| HIGH TEMP OP LIFE | 1650      | MAX14708ENA+TG7   | 135°C     | 1000 HRS  | 80       | 0     |       |
| HIGH TEMP OP LIFE | 1703      | MAX20319ENL+T     | 135°C     | 1000 HRS  | 80       | 0     |       |
| HIGH TEMP OP LIFE | 1704      | MAX40004ANS02+T   | 135°C     | 192 HRS   | 80       | 0     |       |
| HIGH TEMP OP LIFE | 1706      | MAX20323ENC+      | 135°C     | 192 HRS   | 80       | 0     |       |
| HIGH TEMP OP LIFE | 1707      | MAX40004ANS02+T   | 135°C     | 1000 HRS  | 80       | 0     |       |

|                   |      |                        |       |      |     |    |   |
|-------------------|------|------------------------|-------|------|-----|----|---|
| HIGH TEMP OP LIFE | 1710 | MAX40200ANS+T          | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1711 | MAX40004ANS02+T        | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1712 | MAX40200ANS+T          | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1712 | MAX40200ANS+T          | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1717 | MAX98708BENA+T         | 135°C | 192  | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1720 | MAX16140B220KM+<br>TG7 | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1722 | MAX98740AENL+T         | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1722 | MAX98740AENL+T         | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1722 | MAX98740AENL+T         | 135°C | 500  | HRS | 46 | 0 |
| HIGH TEMP OP LIFE | 1722 | MAX98740AENL+T         | 135°C | 500  | HRS | 46 | 0 |
| HIGH TEMP OP LIFE | 1722 | MAX98740AENL+T         | 135°C | 500  | HRS | 34 | 0 |
| HIGH TEMP OP LIFE | 1722 | MAX98740AENL+T         | 135°C | 500  | HRS | 34 | 0 |
| HIGH TEMP OP LIFE | 1722 | MAX98740AENL+T         | 135°C | 500  | HRS | 34 | 0 |
| HIGH TEMP OP LIFE | 1722 | MAX98740AENL+T         | 135°C | 192  | HRS | 10 | 0 |
| HIGH TEMP OP LIFE | 1722 | MAX98740AENL+T         | 135°C | 192  | HRS | 38 | 0 |
| HIGH TEMP OP LIFE | 1723 | MAX98740AENL+T         | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1727 | MAX16140B220KM+<br>TG7 | 135°C | 500  | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1730 | MAX16140B220KM+<br>TG7 | 135°C | 500  | HRS | 80 | 0 |

**Total: 0**

### STORAGE LIFE

| DESCRIPTION  | DATE CODE | TEST VEHICLE         | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|--------------|-----------|----------------------|-----------|-----------|----------|-------|-------|
| STORAGE LIFE |           | MAX2679BENS+         | 150°C     | 1000      | HRS      | 80    | 0     |
| STORAGE LIFE |           | MAX2679BENS+         | 150°C     | 1000      | HRS      | 80    | 0     |
| STORAGE LIFE |           | MAX1679BENS+         | 150°C     | 1000      | HRS      | 80    | 0     |
| STORAGE LIFE |           | MAX40200ANS+T        | 150°C     | 1000      | HRS      | 49    | 0     |
| STORAGE LIFE |           | MAX5394LANA+TCG<br>S | 150°C     | 1000      | HRS      | 77    | 0     |
| STORAGE LIFE |           | MAX5394LANA+TCG<br>S | 150°C     | 1000      | HRS      | 77    | 0     |
| STORAGE LIFE |           | MAX5394LANA+TCG<br>S | 150°C     | 1000      | HRS      | 77    | 0     |
| STORAGE LIFE |           | MAX5394LANA+TCG<br>S | 150°C     | 1000      | HRS      | 77    | 0     |
| STORAGE LIFE |           | MAX5394LANA+TCG<br>S | 150°C     | 1000      | HRS      | 77    | 0     |
| STORAGE LIFE | 1627      | VT1677SBFQX+CNQ      | 150°C     | 500       | HRS      | 50    | 0     |
| STORAGE LIFE | 1632      | MAX77057ENV+T        | 150°C     | 1000      | HRS      | 50    | 0     |
| STORAGE LIFE | 1636      | MAX77057ENV+T        | 150°C     | 1000      | HRS      | 50    | 0     |
| STORAGE LIFE | 1643      | MAX14708ENA+TG7      | 150°C     | 1000      | HRS      | 50    | 0     |

|               |      |                        |       |      |     |          |          |
|---------------|------|------------------------|-------|------|-----|----------|----------|
| STORAGE LIFE  | 1645 | MAX14708ENA+TG7        | 150°C | 1000 | HRS | 50       | 0        |
| STORAGE LIFE  | 1646 | MAX40004ANS02+T        | 150°C | 1000 | HRS | 50       | 0        |
| STORAGE LIFE  | 1648 | MAX20319ENL+TG7        | 150°C | 1000 | HRS | 50       | 0        |
| STORAGE LIFE  | 1653 | MAX98708AENA+T         | 150°C | 1000 | HRS | 50       | 0        |
| STORAGE LIFE  | 1703 | MAX20319ENL+T          | 150°C | 1000 | HRS | 50       | 0        |
| STORAGE LIFE  | 1705 | MAX98708AENA+T         | 150°C | 1000 | HRS | 50       | 0        |
| STORAGE LIFE  | 1705 | MAX98708AENA+T         | 150°C | 500  | HRS | 50       | 0        |
| STORAGE LIFE  | 1710 | MAX40200ANS+T          | 150°C | 1000 | HRS | 49       | 0        |
| STORAGE LIFE  | 1711 | MAX40004ANS02+T        | 150°C | 1000 | HRS | 50       | 0        |
| STORAGE LIFE  | 1717 | MAX98708BENA+T         | 150°C | 1000 | HRS | 80       | 0        |
| STORAGE LIFE  | 1717 | MAX98708BENA+T         | 150°C | 500  | HRS | 80       | 0        |
| STORAGE LIFE  | 1720 | MAX16140B220KM+<br>TG7 | 150°C | 500  | HRS | 50       | 0        |
| STORAGE LIFE  | 1720 | MAX16140B220KM+<br>TG7 | 150°C | 1000 | HRS | 50       | 0        |
| STORAGE LIFE  | 1722 | MAX98740AENL+T         | 150°C | 1000 | HRS | 50       | 0        |
| STORAGE LIFE  | 1722 | MAX98740AENL+T         | 150°C | 668  | HRS | 50       | 0        |
| STORAGE LIFE  | 1722 | MAX98740AENL+T         | 150°C | 500  | HRS | 50       | 0        |
| STORAGE LIFE  | 1722 | MAX98740AENL+T         | 150°C | 1000 | HRS | 50       | 0        |
| STORAGE LIFE  | 1723 | MAX98740AENL+T         | 150°C | 500  | HRS | 50       | 0        |
| STORAGE LIFE  | 1723 | MAX98740AENL+T         | 150°C | 1000 | HRS | 50       | 0        |
| STORAGE LIFE  | 1727 | MAX16140B220KM+<br>TG7 | 150°C | 500  | HRS | 50       | 0        |
| <b>Total:</b> |      |                        |       |      |     | <b>0</b> | <b>0</b> |

### TEMPERATURE CYCLE

| DESCRIPTION                     | DATE CODE | TEST VEHICLE         | CONDITION                   | READPOINT | QUANTITY | FAILS | FA NO |
|---------------------------------|-----------|----------------------|-----------------------------|-----------|----------|-------|-------|
| TEMP CYCLE, 15' RAMP, 15' DWELL |           | MAX11291ENX+TCL<br>6 | -40C TO +125C (Condition G) | 100       | CYS      | 80    | 0     |
| TEMP CYCLE, 15' RAMP, 15' DWELL |           | MAX2679BENS+         | -40C TO +125C (Condition G) | 850       | CYS      | 80    | 0     |
| TEMP CYCLE, 15' RAMP, 15' DWELL |           | MAX1679BENS+         | -40C TO +125C (Condition G) | 850       | CYS      | 80    | 0     |
| TEMP CYCLE, 15' RAMP, 15' DWELL |           | MAX2679BENS+         | -40C TO +125C (Condition G) | 850       | CYS      | 80    | 0     |
| TEMP CYCLE, 15' RAMP, 15' DWELL |           | MAX40004ANS02+T      | -40C TO +125C (Condition G) | 500       | CYS      | 79    | 0     |
| TEMP CYCLE, 5' RAMP, 10' DWELL  |           | MAX40004ANS02+T      | -65C TO +150C (Condition C) | 600       | CYS      | 30    | 0     |
| TEMP CYCLE, 5' RAMP, 10' DWELL  |           | MAX40004ANS02+T      | -65C TO +150C (Condition C) | 500       | CYS      | 30    | 0     |
| TEMP CYCLE, 5' RAMP, 10' DWELL  |           | MAX40004ANS02+T      | -65C TO +150C (Condition C) | 700       | CYS      | 30    | 0     |
| TEMP CYCLE, 5' RAMP, 10' DWELL  |           | MAX40004ANS02+T      | -65C TO +150C (Condition C) | 400       | CYS      | 30    | 0     |
| TEMP CYCLE, 5' RAMP, 10' DWELL  |           | MAX40004ANS02+T      | -65C TO +150C (Condition C) | 200       | CYS      | 0     | 0     |
| TEMP CYCLE, 5' RAMP, 10' DWELL  |           | MAX40004ANS02+T      | -65C TO +150C (Condition C) | 300       | CYS      | 30    | 0     |

|                                    |      |  |      |     |    |   |
|------------------------------------|------|--|------|-----|----|---|
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL |      | MAX98723BENX+TG -40C TO +125C (Condtion G)<br>7  | 500  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL |      | MAX98723BENX+TG -40C TO +125C (Condtion G)<br>7  | 850  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL |      | MAX98723BENX+TG -40C TO +125C (Condtion G)<br>7  | 850  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL |      | MAX5394LANA+TCG -40C TO +125C (Condtion G)<br>S  | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL |      | MAX5394LANA+TCG -40C TO +125C (Condtion G)<br>S  | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL |      | MAX5394LANA+TCG -40C TO +125C (Condtion G)<br>S  | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL |      | MAX5394LANA+TCG -40C TO +125C (Condtion G)<br>S  | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL |      | MAX5394LANA+TCG -40C TO +125C (Condtion G)<br>S  | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL |      | MAX5394LANA+TCG -40C TO +125C (Condtion G)<br>S  | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL |      | MAX19777AZA+ -40C TO +125C (Condtion G)          | 850  | CYS | 77 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL |      | MAX19777AZA+ -40C TO +125C (Condtion G)          | 500  | CYS | 77 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL |      | MAX19777AZA+ -40C TO +125C (Condtion G)          | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1606 | MAX11291ENX+TCL -40C TO +125C (Condtion G)<br>6  | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1614 | MAX11291ENX+TCL -40C TO +125C (Condtion G)<br>6  | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1621 | MAX11291ENX+TCL -40C TO +125C (Condtion G)<br>6  | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1626 | MAX98726BENJ+TC -40C TO +125C (Condtion G)<br>NF | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1628 | MAX14710ENC+ -40C TO +125C (Condtion G)          | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1628 | MAX14710ENC+ -40C TO +125C (Condtion G)          | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1628 | MAX14710ENC+ -40C TO +125C (Condtion G)          | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1628 | MAX14710ENC+ -40C TO +125C (Condtion G)          | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1628 | MAX14710ENC+ -40C TO +125C (Condtion G)          | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1628 | MAX14710ENC+ -40C TO +125C (Condtion G)          | 1000 | CYS | 77 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1628 | MAX11291ENX+TCL -40C TO +125C (Condtion G)<br>6  | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1631 | MAX20312ENS+TG7 -40C TO +125C (Condtion G)       | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1631 | MAX20312ENS+TG7 -40C TO +125C (Condtion G)       | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1632 | MAX77057AENV+T -40C TO +125C (Condtion G)        | 850  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1632 | MAX20312ENS+TG7 -40C TO +125C (Condtion G)       | 100  | CYS | 80 | 0 |









|                                 |      |                    |                             |     |     |    |   |
|---------------------------------|------|--------------------|-----------------------------|-----|-----|----|---|
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1646 | MAX98726BENJ+TC NF | -40C TO +125C (Condition G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1646 | MAX20312ENS+TG7    | -40C TO +125C (Condition G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL  | 1647 | MAX40200ANS+       | -65C TO +150C (Condition C) | 850 | CYS | 80 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1648 | MAX20319ENL+TG7    | -40C TO +125C (Condition G) | 850 | CYS | 80 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1652 | MAX98708ENA+T      | -40C TO +125C (Condition G) | 850 | CYS | 80 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1653 | MAX98708ENA+T      | -40C TO +125C (Condition G) | 850 | CYS | 80 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1701 | MAX98708ENA+T      | -40C TO +125C (Condition G) | 850 | CYS | 80 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1702 | MAX20300ENL+TCM 0  | -40C TO +125C (Condition G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1704 | MAX20300ENL+TCM 0  | -40C TO +125C (Condition G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1704 | MAX40004ANS02+T    | -40C TO +125C (Condition G) | 850 | CYS | 89 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1705 | MAX20300ENL+TCM 0  | -40C TO +125C (Condition G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1707 | MAX40004ANS02+T    | -40C TO +125C (Condition G) | 850 | CYS | 80 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1708 | MAX20300ENL+TCM 0  | -40C TO +125C (Condition G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1709 | MAX98726BENJ+TC NF | -40C TO +125C (Condition G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1710 | MAX20300ENL+TCM 0  | -40C TO +125C (Condition G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1710 | MAX40200ANS+T      | -40C TO +125C (Condition G) | 850 | CYS | 83 | 0 |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1711 | MAX40004ANS02+T    | -40C TO +125C (Condition G) | 850 | CYS | 79 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL  | 1711 | MAX40004ANS02+T    | -65C TO +150C (Condition C) | 350 | CYS | 20 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL  | 1711 | MAX40004ANS02+     | -65C TO +150C (Condition C) | 200 | CYS | 30 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL  | 1711 | MAX40004ANS02+     | -65C TO +150C (Condition C) | 400 | CYS | 30 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL  | 1711 | MAX40004ANS02+     | -65C TO +150C (Condition C) | 100 | CYS | 30 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL  | 1711 | MAX40004ANS02+     | -65C TO +150C (Condition C) | 500 | CYS | 30 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL  | 1711 | MAX40004ANS02+     | -65C TO +150C (Condition C) | 600 | CYS | 30 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL  | 1711 | MAX40004ANS02+     | -65C TO +150C (Condition C) | 300 | CYS | 30 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL  | 1711 | MAX40004ANS02+     | -65C TO +150C (Condition C) | 700 | CYS | 30 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL  | 1711 | MAX40004ANS02+     | -65C TO +150C (Condition C) | 100 | CYS | 30 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL  | 1711 | MAX40004ANS02+     | -65C TO +150C (Condition C) | 600 | CYS | 30 | 0 |
| TEMP CYCLE, 5' RAMP, 10' DWELL  | 1711 | MAX40004ANS02+     | -55C TO +125C (Condition B) | 700 | CYS | 30 | 0 |





|                                    |      |                      |                            |     |     |          |          |
|------------------------------------|------|----------------------|----------------------------|-----|-----|----------|----------|
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1725 | MAX20300ENL+TCM<br>0 | -40C TO +125C (Condtion G) | 100 | CYS | 80       | 0        |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1726 | MAX20300ENL+TCM<br>0 | -40C TO +125C (Condtion G) | 100 | CYS | 80       | 0        |
| <b>Total:</b>                      |      |                      |                            |     |     | <b>0</b> | <b>0</b> |

---

**TEMPERATURE HUMIDITY BIAS**

| DESCRIPTION     | DATE<br>CODE | TEST<br>VEHICLE      | CONDITION      | READPOINT | QUANTITY | FAILS | FA NO |
|-----------------|--------------|----------------------|----------------|-----------|----------|-------|-------|
| BIASED MOISTURE |              | MAX2679BENS+         | 130C, 85% R.H. | 100 HRS   | 80       | 0     |       |
| BIASED MOISTURE |              | MAX2679BENS+         | 130C, 85% R.H. | 100 HRS   | 80       | 0     |       |
| BIASED MOISTURE |              | MAX40004ANS02+T      | 130C, 85% R.H. | 264 HRS   | 80       | 0     |       |
| BIASED MOISTURE |              | MAX40004ANS02+T      | 85 C/85% R.H.  | 700 HRS   | 30       | 0     |       |
| BIASED MOISTURE |              | MAX40004ANS02+T      | 130C, 85% R.H. | 100 HRS   | 30       | 0     |       |
| BIASED MOISTURE |              | MAX40004ANS02+T      | 85 C/85% R.H.  | 800 HRS   | 30       | 0     |       |
| BIASED MOISTURE |              | MAX40004ANS02+T      | 85 C/85% R.H.  | 600 HRS   | 30       | 0     |       |
| BIASED MOISTURE |              | MAX40004ANS02+T      | 85 C/85% R.H.  | 500 HRS   | 30       | 0     |       |
| BIASED MOISTURE |              | MAX40004ANS02+T      | 85 C/85% R.H.  | 600 HRS   | 30       | 0     |       |
| BIASED MOISTURE |              | MAX98723BENX+        | 130C, 85% R.H. | 100 HRS   | 80       | 0     |       |
| BIASED MOISTURE |              | MAX98723BENX+        | 130C, 85% R.H. | 100 HRS   | 23       | 0     |       |
| BIASED MOISTURE |              | MAX98723BENX+        | 130C, 85% R.H. | 100 HRS   | 29       | 0     |       |
| BIASED MOISTURE |              | MAX98723BENX+        | 130C, 85% R.H. | 96 HRS    | 29       | 0     |       |
| BIASED MOISTURE |              | MAX98723BENX+        | 130C, 85% R.H. | 96 HRS    | 22       | 0     |       |
| BIASED MOISTURE |              | MAX5394LANA+TCG<br>S | 130C, 85% R.H. | 264 HRS   | 77       | 0     |       |
| BIASED MOISTURE |              | MAX5394LANA+TCG<br>S | 130C, 85% R.H. | 264 HRS   | 77       | 0     |       |
| BIASED MOISTURE |              | MAX5394LANA+TCG<br>S | 130C, 85% R.H. | 264 HRS   | 77       | 0     |       |
| BIASED MOISTURE |              | MAX5394LANA+TCG<br>S | 130C, 85% R.H. | 264 HRS   | 80       | 0     |       |
| BIASED MOISTURE |              | MAX5394LANA+TCG<br>S | 130C, 85% R.H. | 264 HRS   | 80       | 0     |       |
| BIASED MOISTURE |              | MAX5394LANA+TCG<br>S | 85 C/85% R.H.  | 264 HRS   | 80       | 0     |       |
| BIASED MOISTURE |              | MAX19777AZA+         | 130C, 85% R.H. | 264 HRS   | 77       | 0     |       |
| BIASED MOISTURE | 1625         | MAX11291ENX+TCL<br>6 | 130C, 85% R.H. | 264 HRS   | 80       | 0     |       |
| BIASED MOISTURE | 1627         | VT1677SBFQX+CNQ      | 130C, 85% R.H. | 100 HRS   | 80       | 0     |       |
| BIASED MOISTURE | 1628         | MAX14710ENC+         | 130C, 85% R.H. | 264 HRS   | 77       | 0     |       |
| BIASED MOISTURE | 1628         | MAX14710ENC+         | 130C, 85% R.H. | 264 HRS   | 77       | 0     |       |
| BIASED MOISTURE | 1632         | MAX77057AENV+T       | 130C, 85% R.H. | 264 HRS   | 80       | 0     |       |
| BIASED MOISTURE | 1636         | MAX77057AENV+        | 130C, 85% R.H. | 264 HRS   | 80       | 0     |       |
| BIASED MOISTURE | 1636         | MAX77057AENV+TG<br>7 | 130C, 85% R.H. | 264 HRS   | 80       | 0     |       |
| BIASED MOISTURE | 1637         | MAX11291ENX+TCL<br>6 | 130C, 85% R.H. | 264 HRS   | 80       | 0     |       |

|                 |      |                      |                |     |     |    |   |
|-----------------|------|----------------------|----------------|-----|-----|----|---|
| BIASED MOISTURE | 1637 | MAX11291ENX+TCL<br>6 | 130C, 85% R.H. | 264 | HRS | 80 | 0 |
| BIASED MOISTURE | 1643 | MAX14708ENA+TG7      | 130C, 85% R.H. | 264 | HRS | 80 | 0 |
| BIASED MOISTURE | 1647 | MAX40200ANS+         | 130C, 85% R.H. | 264 | HRS | 80 | 0 |
| BIASED MOISTURE | 1648 | MAX20319ENL+TG7      | 130C, 85% R.H. | 264 | HRS | 32 | 0 |
| BIASED MOISTURE | 1649 | VT1677SBF            | 130C, 85% R.H. | 96  | HRS | 22 | 0 |
| BIASED MOISTURE | 1649 | VT1677SBF            | 130C, 85% R.H. | 96  | HRS | 22 | 0 |
| BIASED MOISTURE | 1649 | VT1677SBF            | 130C, 85% R.H. | 96  | HRS | 22 | 0 |
| BIASED MOISTURE | 1649 | VT1677SBF            | 130C, 85% R.H. | 96  | HRS | 22 | 0 |
| BIASED MOISTURE | 1652 | MAX98708ENA+T        | 130C, 85% R.H. | 264 | HRS | 80 | 0 |
| BIASED MOISTURE | 1701 | MAX98708ENA+T        | 130C, 85% R.H. | 264 | HRS | 80 | 0 |
| BIASED MOISTURE | 1707 | MAX40004ANS02+T      | 130C, 85% R.H. | 264 | HRS | 80 | 0 |
| BIASED MOISTURE | 1710 | MAX40200ANS+T        | 85 C/85% R.H.  | 264 | HRS | 79 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+T      | 130C, 85% R.H. | 264 | HRS | 80 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 130C, 85% R.H. | 100 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 85 C/85% R.H.  | 700 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 85 C/85% R.H.  | 200 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 130C, 85% R.H. | 300 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 85 C/85% R.H.  | 800 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 85 C/85% R.H.  | 400 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 85 C/85% R.H.  | 500 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 85 C/85% R.H.  | 600 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 85 C/85% R.H.  | 600 | HRS | 29 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+T      | 85 C/85% R.H.  | 200 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+T      | 130C, 85% R.H. | 300 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+T      | 85 C/85% R.H.  | 400 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02        | 85 C/85% R.H.  | 700 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02        | 85 C/85% R.H.  | 800 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02        | 85 C/85% R.H.  | 400 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02        | 130C, 85% R.H. | 300 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02        | 85 C/85% R.H.  | 600 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02        | 130C, 85% R.H. | 100 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02        | 85 C/85% R.H.  | 500 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02        | 85 C/85% R.H.  | 200 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 85 C/85% R.H.  | 600 | HRS | 29 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 85 C/85% R.H.  | 800 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 85 C/85% R.H.  | 200 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 85 C/85% R.H.  | 700 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 85 C/85% R.H.  | 500 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 85 C/85% R.H.  | 600 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 130C, 85% R.H. | 100 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 85 C/85% R.H.  | 400 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 130C, 85% R.H. | 300 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 85 C/85% R.H.  | 600 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 85 C/85% R.H.  | 200 | HRS | 30 | 0 |
| BIASED MOISTURE | 1711 | MAX40004ANS02+       | 85 C/85% R.H.  | 700 | HRS | 30 | 0 |

|                 |      |                        |                |      |     |          |          |
|-----------------|------|------------------------|----------------|------|-----|----------|----------|
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 85 C/85% R.H.  | 600  | HRS | 30       | 0        |
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 85 C/85% R.H.  | 400  | HRS | 30       | 0        |
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 85 C/85% R.H.  | 500  | HRS | 30       | 0        |
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 130C, 85% R.H. | 100  | HRS | 30       | 0        |
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 85 C/85% R.H.  | 800  | HRS | 30       | 0        |
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 130C, 85% R.H. | 300  | HRS | 30       | 0        |
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 130C, 85% R.H. | 100  | HRS | 30       | 0        |
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 85 C/85% R.H.  | 600  | HRS | 30       | 0        |
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 85 C/85% R.H.  | 500  | HRS | 30       | 0        |
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 85 C/85% R.H.  | 900  | HRS | 30       | 0        |
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 85 C/85% R.H.  | 1000 | HRS | 30       | 0        |
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 130C, 85% R.H. | 100  | HRS | 30       | 0        |
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 85 C/85% R.H.  | 500  | HRS | 30       | 0        |
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 85 C/85% R.H.  | 800  | HRS | 30       | 0        |
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 130C, 85% R.H. | 300  | HRS | 30       | 0        |
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 85 C/85% R.H.  | 200  | HRS | 30       | 0        |
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 85 C/85% R.H.  | 700  | HRS | 30       | 0        |
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 85 C/85% R.H.  | 400  | HRS | 30       | 0        |
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 85 C/85% R.H.  | 600  | HRS | 30       | 0        |
| BIASED MOISTURE | 1711 | MAX40004ANS02+         | 85 C/85% R.H.  | 600  | HRS | 30       | 0        |
| BIASED MOISTURE | 1712 | MAX40200ANS+T          | 130C, 85% R.H. | 264  | HRS | 80       | 0        |
| BIASED MOISTURE | 1720 | MAX16140B220KM+<br>TG7 | 110C, 85% R.H. | 264  | HRS | 80       | 0        |
| BIASED MOISTURE | 1722 | MAX98740AENL+T         | 130C, 85% R.H. | 264  | HRS | 80       | 0        |
| BIASED MOISTURE | 1722 | MAX98740AENL+T         | 130C, 85% R.H. | 264  | HRS | 80       | 0        |
| BIASED MOISTURE | 1723 | MAX98740AENL+T         | 130C, 85% R.H. | 24   | HRS | 24       | 0        |
| BIASED MOISTURE | 1723 | MAX98740AENL+T         | 130C, 85% R.H. | 264  | HRS | 80       | 0        |
| <b>Total:</b>   |      |                        |                |      |     | <b>0</b> | <b>0</b> |

---

### UNBIASED MOISTURE RESISTANCE

| DESCRIPTION   | DATE CODE | TEST VEHICLE         | CONDITION      | READPOINT | QUANTITY | FAILS | FA NO |
|---------------|-----------|----------------------|----------------|-----------|----------|-------|-------|
| MOISTURE SOAK |           | MAX77057AENV+        | 130C, 85% R.H. | 264       | HRS      | 80    | 0     |
| MOISTURE SOAK |           | MAX77057AENV+        | 130C, 85% R.H. | 264       | HRS      | 80    | 0     |
| MOISTURE SOAK |           | MAX1679BENS+         | 130C, 85% R.H. | 96        | HRS      | 80    | 0     |
| MOISTURE SOAK |           | MAX40004ANS02+T      | 130C, 85% R.H. | 96        | HRS      | 80    | 0     |
| MOISTURE SOAK |           | MAX40004ANS02+T      | 85C, 85% R.H.  | 200       | HRS      | 30    | 0     |
| MOISTURE SOAK |           | MAX40004ANS02+T      | 130C, 85% R.H. | 100       | HRS      | 30    | 0     |
| MOISTURE SOAK |           | MAX40004ANS02+T      | 130C, 85% R.H. | 900       | HRS      | 30    | 0     |
| MOISTURE SOAK |           | MAX40004ANS02+T      | 130C, 85% R.H. | 700       | HRS      | 30    | 0     |
| MOISTURE SOAK |           | MAX40004ANS02+T      | 130C, 85% R.H. | 800       | HRS      | 30    | 0     |
| MOISTURE SOAK |           | MAX98723BENX+        | 130C, 85% R.H. | 96        | HRS      | 80    | 0     |
| MOISTURE SOAK |           | MAX98723BENX+        | 130C, 85% R.H. | 96        | HRS      | 80    | 0     |
| MOISTURE SOAK |           | MAX98723BENX+        | 130C, 85% R.H. | 96        | HRS      | 80    | 0     |
| MOISTURE SOAK |           | MAX5394LANA+TCG<br>S | 130C, 85% R.H. | 96        | HRS      | 77    | 0     |
| MOISTURE SOAK |           | MAX5394LANA+TCG<br>S | 130C, 85% R.H. | 96        | HRS      | 77    | 0     |

|               |      |                                      |      |     |    |   |
|---------------|------|--------------------------------------|------|-----|----|---|
| MOISTURE SOAK |      | MAX5394LANA+TCG 130C, 85% R.H.<br>S  | 96   | HRS | 77 | 0 |
| MOISTURE SOAK |      | MAX5394LANA+TCG 130C, 85% R.H.<br>S  | 96   | HRS | 77 | 0 |
| MOISTURE SOAK |      | MAX5394LANA+TCG 130C, 85% R.H.<br>S  | 96   | HRS | 77 | 0 |
| MOISTURE SOAK |      | MAX5394LANA+TCG 130C, 85% R.H.<br>S  | 96   | HRS | 77 | 0 |
| MOISTURE SOAK |      | MAX19777AZA+ 130C, 85% R.H.          | 96   | HRS | 77 | 0 |
| MOISTURE SOAK | 1622 | MAX11291ENX+TCL 85 C/85% R.H.<br>6   | 1750 | HRS | 80 | 0 |
| MOISTURE SOAK | 1625 | MAX11291ENX+TCL 85 C/85% R.H.<br>6   | 1250 | HRS | 80 | 0 |
| MOISTURE SOAK | 1626 | MAX98726BENJ+TC 130C, 85% R.H.<br>NF | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1631 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1632 | MAX77057AENV+T 130C, 85% R.H.        | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1632 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1632 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1634 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1634 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1634 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1634 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1634 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1634 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1634 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1634 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1635 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1635 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1635 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1635 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1635 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1635 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1635 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1636 | MAX77057AENV+TG 130C, 85% R.H.<br>7  | 110  | HRS | 79 | 0 |
| MOISTURE SOAK | 1636 | MAX77057AENV+TG 130C, 85% R.H.<br>7  | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1636 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1636 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1637 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1637 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1638 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1638 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1638 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1639 | MAX20312ENS+TG7 130C, 85% R.H.       | 96   | HRS | 80 | 0 |





|               |      |                       |                |      |     |    |   |
|---------------|------|-----------------------|----------------|------|-----|----|---|
| MOISTURE SOAK | 1645 | MAX20312ENS+TG7       | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1645 | MAX20312ENS+TG7       | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1645 | MAX20312ENS+TG7       | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1645 | MAX20312ENS+TG7       | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1645 | MAX20312ENS+TG7       | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1645 | MAX20312ENS+TG7       | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1645 | MAX20312ENS+TG7       | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1645 | MAX20312ENS+TG7       | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1645 | MAX20312ENS+TG7       | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1646 | MAX98726BENJ+TC<br>NF | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1646 | MAX20312ENS+TG7       | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1647 | MAX40200ANS+          | 130C, 85% R.H. | 96   | HRS | 79 | 0 |
| MOISTURE SOAK | 1652 | MAX98708ENA+T         | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1653 | MAX9808ENA+T          | 130C, 85% R.H. | 96   | HRS | 79 | 0 |
| MOISTURE SOAK | 1701 | MAX98708ENA+T         | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1702 | MAX20300ENL+TCM<br>0  | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1704 | MAX20300ENL+TCM<br>0  | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1705 | MAX20300ENL+TCM<br>0  | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1707 | MAX40004ANS02+T       | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1708 | MAX20300ENL+TCM<br>0  | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1709 | MAX98726BENJ+TC<br>NF | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1710 | MAX20300ENL+TCM<br>0  | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1710 | MAX40200ANS+T         | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+T       | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 400  | HRS | 29 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 130C, 85% R.H. | 700  | HRS | 29 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 130C, 85% R.H. | 100  | HRS | 29 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 200  | HRS | 29 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 500  | HRS | 29 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 130C, 85% R.H. | 800  | HRS | 29 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 130C, 85% R.H. | 900  | HRS | 29 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 300  | HRS | 29 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 1000 | HRS | 29 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+T       | 85C, 85% R.H.  | 300  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+T       | 85C, 85% R.H.  | 1000 | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+T       | 85C, 85% R.H.  | 400  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+T       | 85C, 85% R.H.  | 500  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 130C, 85% R.H. | 700  | HRS | 29 | 0 |

|               |      |                       |                |      |     |    |   |
|---------------|------|-----------------------|----------------|------|-----|----|---|
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 300  | HRS | 29 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 130C, 85% R.H. | 100  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 500  | HRS | 29 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 400  | HRS | 29 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 200  | HRS | 29 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 1000 | HRS | 29 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 130C, 85% R.H. | 900  | HRS | 29 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 130C, 85% R.H. | 800  | HRS | 29 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 300  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 130C, 85% R.H. | 900  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 400  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 500  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 200  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 130C, 85% R.H. | 800  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 1000 | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 130C, 85% R.H. | 100  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 130C, 85% R.H. | 700  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 200  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 130C, 85% R.H. | 800  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 130C, 85% R.H. | 700  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 300  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 400  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 130C, 85% R.H. | 900  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 300  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 1000 | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 130C, 85% R.H. | 100  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 130C, 85% R.H. | 800  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 500  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 200  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 130C, 85% R.H. | 700  | HRS | 30 | 0 |
| MOISTURE SOAK | 1711 | MAX40004ANS02+        | 85C, 85% R.H.  | 400  | HRS | 30 | 0 |
| MOISTURE SOAK | 1712 | MAX40200ANS+T         | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1713 | MAX98726BENJ+TC<br>NF | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1714 | MAX98726BENJ+TC<br>NF | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1717 | MAX98726BENJ+TC<br>NF | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1717 | MAX98726BENJ+TC<br>NF | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1717 | MAX98726BENJ+TC<br>NF | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1718 | MAX20300ENL+TCM<br>0  | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1720 | MAX98726BENJ+TC<br>NF | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1720 | MAX98726BENJ+TC<br>NF | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1720 | MAX98726BENJ+TC<br>NF | 130C, 85% R.H. | 96   | HRS | 80 | 0 |
| MOISTURE SOAK | 1720 | MAX98726BENJ+TC<br>NF | 130C, 85% R.H. | 96   | HRS | 80 | 0 |

|               |      |                     |                |    |     |    |          |
|---------------|------|---------------------|----------------|----|-----|----|----------|
| MOISTURE SOAK | 1720 | MAX16140B220KM+ TG7 | 130C, 85% R.H. | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1721 | MAX98726BENJ+TC NF  | 130C, 85% R.H. | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1721 | MAX98726BENJ+TC NF  | 130C, 85% R.H. | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1721 | MAX98726BENJ+TC NF  | 130C, 85% R.H. | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1721 | MAX98726BENJ+TC NF  | 130C, 85% R.H. | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1721 | MAX98726BENJ+TC NF  | 130C, 85% R.H. | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1722 | MAX98726BENJ+TC NF  | 130C, 85% R.H. | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1722 | MAX98726BENJ+TC NF  | 130C, 85% R.H. | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1722 | MAX98726BENJ+TC NF  | 130C, 85% R.H. | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1722 | MAX98726BENJ+TC NF  | 130C, 85% R.H. | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1722 | MAX98740AENL+T      | 130C, 85% R.H. | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1722 | MAX98740AENL+T      | 130C, 85% R.H. | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1723 | MAX98726BENJ+TC NF  | 130C, 85% R.H. | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1723 | MAX98726BENJ+TC NF  | 130C, 85% R.H. | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1723 | MAX98726BENJ+TC NF  | 130C, 85% R.H. | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1723 | MAX98726BENJ+TC NF  | 130C, 85% R.H. | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1723 | MAX98740AENL+T      | 130C, 85% R.H. | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1725 | MAX20300ENL+TCM 0   | 130C, 85% R.H. | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1726 | MAX20300ENL+TCM 0   | 130C, 85% R.H. | 96 | HRS | 80 | 0        |
| <b>Total:</b> |      |                     |                |    |     |    | <b>0</b> |

### Assembly Information:

Package Type: UTWLP (Pb-Free)

Date Code Range: 1540 to 1713

### OPERATING LIFE

| DESCRIPTION       | DATE CODE | TEST VEHICLE    | CONDITION | READPOINT | QUANTITY | FAILS | FA NO    |
|-------------------|-----------|-----------------|-----------|-----------|----------|-------|----------|
| HIGH TEMP OP LIFE |           | MAX19777AZA+    | 135°C     | 1000 HRS  | 77       | 0     |          |
| HIGH TEMP OP LIFE | 1648      | MAX20319ENL+TG7 | 135°C     | 192 HRS   | 80       | 0     |          |
| HIGH TEMP OP LIFE | 1713      | MAX19777AZA+    | 135°C     | 1000 HRS  | 77       | 0     |          |
| HIGH TEMP OP LIFE | 1713      | MAX19777AZA+    | 135°C     | 1000 HRS  | 77       | 0     |          |
| <b>Total:</b>     |           |                 |           |           |          |       | <b>0</b> |

**PRECONDITIONING LEVEL 1**

| DESCRIPTION       | DATE CODE | TEST VEHICLE | CONDITION   | READPOINT     | QUANTITY | FAILS    | FA NO |
|-------------------|-----------|--------------|-------------|---------------|----------|----------|-------|
| CONVECTION REFLOW |           | MAX19777AZA+ | 260C +0/-5C | PASS          | 150      | 0        |       |
| CONVECTION REFLOW | 1713      | MAX19777AZA+ | 260C +0/-5C | PASS          | 150      | 0        |       |
| CONVECTION REFLOW | 1713      | MAX19777AZA+ | 260C +0/-5C | PASS          | 150      | 0        |       |
|                   |           |              |             | <b>Total:</b> |          | <b>0</b> |       |

**STORAGE LIFE**

| DESCRIPTION  | DATE CODE | TEST VEHICLE | CONDITION | READPOINT     | QUANTITY | FAILS    | FA NO |
|--------------|-----------|--------------|-----------|---------------|----------|----------|-------|
| STORAGE LIFE |           | MAX19777AZA+ | 150°C     | 500 HRS       | 77       | 0        |       |
| STORAGE LIFE |           | MAX19777AZA+ | 150°C     | 1000 HRS      | 77       | 0        |       |
| STORAGE LIFE | 1713      | MAX19777AZA+ | 150°C     | 1000 HRS      | 77       | 0        |       |
| STORAGE LIFE | 1713      | MAX19777AZA+ | 150°C     | 500 HRS       | 77       | 0        |       |
| STORAGE LIFE | 1713      | MAX19777AZA+ | 150°C     | 500 HRS       | 77       | 0        |       |
|              |           |              |           | <b>Total:</b> |          | <b>0</b> |       |

**TEMPERATURE CYCLE**

| DESCRIPTION                     | DATE CODE | TEST VEHICLE      | CONDITION                  | READPOINT | QUANTITY | FAILS | FA NO |
|---------------------------------|-----------|-------------------|----------------------------|-----------|----------|-------|-------|
| TEMP CYCLE, 15' RAMP, 15' DWELL |           | MAX19777AZA+      | -40C TO +125C (Condtion G) | 250 CYS   | 77       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL |           | MAX19777AZA+      | -40C TO +125C (Condtion G) | 850 CYS   | 77       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL |           | MAX19777AZA+      | -40C TO +125C (Condtion G) | 550 CYS   | 77       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL |           | MAX19777AZA+      | -40C TO +125C (Condtion G) | 1000 CYS  | 77       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL |           | MAX19777AZA+      | -40C TO +125C (Condtion G) | 500 CYS   | 77       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL |           | MAX19777AZA+      | -40C TO +125C (Condtion G) | 850 CYS   | 77       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL |           | MAX19777AZA+      | -40C TO +125C (Condtion G) | 250 CYS   | 77       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL |           | MAX19777AZA+      | -40C TO +125C (Condtion G) | 1000 CYS  | 77       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1549      | MAX20300ENL+TCM0  | -40C TO +125C (Condtion G) | 700 CYS   | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1549      | MAX20300ENL+TCM0  | -40C TO +125C (Condtion G) | 700 CYS   | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1551      | MAX20300ENL+TCM0  | -40C TO +125C (Condtion G) | 100 CYS   | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1611      | MAX20300ENL+TCM0  | -40C TO +125C (Condtion G) | 100 CYS   | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1623      | MAX20300ENL+TCM0  | -40C TO +125C (Condtion G) | 100 CYS   | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1624      | MAX98726BENJ+TCNF | -40C TO +125C (Condtion G) | 100 CYS   | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1626      | MAX98726BENJ+TCNF | -40C TO +125C (Condtion G) | 100 CYS   | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1626      | MAX98726BENJ+CNF  | -40C TO +125C (Condtion G) | 100 CYS   | 80       | 0     |       |



|                                    |      |                      |                            |      |     |          |   |
|------------------------------------|------|----------------------|----------------------------|------|-----|----------|---|
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1652 | MAX20300ENL+TCM<br>0 | -40C TO +125C (Condtion G) | 100  | CYS | 80       | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1713 | MAX19777AZA+         | -40C TO +125C (Condtion G) | 900  | CYS | 76       | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1713 | MAX19777AZA+         | -40C TO +125C (Condtion G) | 280  | CYS | 77       | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1713 | MAX19777AZA+         | -40C TO +125C (Condtion G) | 500  | CYS | 76       | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1713 | MAX19777AZA+         | -40C TO +125C (Condtion G) | 1000 | CYS | 76       | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1713 | MAX19777AZA+         | -40C TO +125C (Condtion G) | 1000 | CYS | 77       | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1713 | MAX19777AZA+         | -40C TO +125C (Condtion G) | 550  | CYS | 77       | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1713 | MAX19777AZA+         | -40C TO +125C (Condtion G) | 250  | CYS | 77       | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1713 | MAX19777AZA+         | -40C TO +125C (Condtion G) | 850  | CYS | 77       | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1713 | MAX19777AZA+         | -40C TO +125C (Condtion G) | 850  | CYS | 77       | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1713 | MAX19777AZA+         | -40C TO +125C (Condtion G) | 1000 | CYS | 77       | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1713 | MAX19777AZA+         | -40C TO +125C (Condtion G) | 500  | CYS | 77       | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1713 | MAX19777AZA+         | -40C TO +125C (Condtion G) | 250  | CYS | 77       | 0 |
| <b>Total:</b>                      |      |                      |                            |      |     | <b>0</b> |   |

#### TEMPERATURE HUMIDITY BIAS

| DESCRIPTION     | DATE CODE | TEST VEHICLE         | CONDITION      | READPOINT | QUANTITY | FAILS    | FA NO |
|-----------------|-----------|----------------------|----------------|-----------|----------|----------|-------|
| BIASED MOISTURE |           | MAX19777AZA+         | 130C, 85% R.H. | 264 HRS   | 77       | 0        |       |
| BIASED MOISTURE |           | MAX19777AZA+         | 130C, 85% R.H. | 264 HRS   | 77       | 0        |       |
| BIASED MOISTURE | 1549      | MAX20300ENL+TCM<br>0 | 85 C/85% R.H.  | 1000 HRS  | 77       | 0        |       |
| BIASED MOISTURE | 1549      | MAX20300ENL+TCM<br>0 | 85 C/85% R.H.  | 900 HRS   | 77       | 0        |       |
| BIASED MOISTURE | 1713      | MAX19777AZA+         | 130C, 85% R.H. | 264 HRS   | 77       | 0        |       |
| BIASED MOISTURE | 1713      | MAX19777AZA+         | 130C, 85% R.H. | 264 HRS   | 77       | 0        |       |
| <b>Total:</b>   |           |                      |                |           |          | <b>0</b> |       |

#### UNBIASED MOISTURE RESISTANCE

| DESCRIPTION   | DATE CODE | TEST VEHICLE          | CONDITION      | READPOINT | QUANTITY | FAILS | FA NO |
|---------------|-----------|-----------------------|----------------|-----------|----------|-------|-------|
| MOISTURE SOAK |           | MAX19777AZA+          | 130C, 85% R.H. | 96 HRS    | 77       | 0     |       |
| MOISTURE SOAK |           | MAX19777AZA+          | 130C, 85% R.H. | 96 HRS    | 77       | 0     |       |
| MOISTURE SOAK | 1540      | MAX20300ENL+TCM<br>0  | 85 C/85% R.H.  | 1000 HRS  | 79       | 0     |       |
| MOISTURE SOAK | 1551      | MAX20300ENL+TCM<br>0  | 130C, 85% R.H. | 96 HRS    | 80       | 0     |       |
| MOISTURE SOAK | 1611      | MAX20300ENL+TCM<br>0  | 130C, 85% R.H. | 96 HRS    | 80       | 0     |       |
| MOISTURE SOAK | 1623      | MAX20300ENL+TCM<br>0  | 130C, 85% R.H. | 96 HRS    | 80       | 0     |       |
| MOISTURE SOAK | 1624      | MAX98726BENJ+TC<br>NF | 130C, 85% R.H. | 96 HRS    | 80       | 0     |       |





|               |      |                                     |    |     |    |          |
|---------------|------|-------------------------------------|----|-----|----|----------|
| MOISTURE SOAK | 1638 | MAX20300ENL+TCM 130C, 85% R.H.<br>0 | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1638 | MAX20300ENL+TCM 130C, 85% R.H.<br>0 | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1639 | MAX20300ENL+TCM 130C, 85% R.H.<br>0 | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1652 | MAX20300ENL+TCM 130C, 85% R.H.<br>0 | 96 | HRS | 80 | 0        |
| MOISTURE SOAK | 1713 | MAX19777AZA+ 130C, 85% R.H.         | 96 | HRS | 77 | 0        |
| MOISTURE SOAK | 1713 | MAX19777AZA+ 130C, 85% R.H.         | 96 | HRS | 77 | 0        |
| MOISTURE SOAK | 1713 | MAX19777AZA+ 130C, 85% R.H.         | 96 | HRS | 77 | 0        |
| <b>Total:</b> |      |                                     |    |     |    | <b>0</b> |

---

**Assembly Information:**

Package Type: WLP (Pb-Free)

Date Code Range: 1316 to 1730

---

**OPERATING LIFE**

| DESCRIPTION       | DATE CODE | TEST VEHICLE          | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|-------------------|-----------|-----------------------|-----------|-----------|----------|-------|-------|
| HIGH TEMP OP LIFE |           | MAX77865FSEWZ+T       | 135°C     | 500       | HRS      | 48    | 0     |
| HIGH TEMP OP LIFE |           | MAX6069CAAWS+T        | 135°C     | 192       | HRS      | 80    | 0     |
| HIGH TEMP OP LIFE | 1316      | MAX77833EWM+T         | 135°C     | 1000      | HRS      | 80    | 0     |
| HIGH TEMP OP LIFE | 1416      | MAX77833EWM+T         | 135°C     | 1000      | HRS      | 80    | 0     |
| HIGH TEMP OP LIFE | 1616      | MAX98706AEWV+T<br>CLE | 135°C     | 500       | HRS      | 80    | 0     |
| HIGH TEMP OP LIFE | 1620      | MAX77686EWE+          | 135°C     | 500       | HRS      | 77    | 0     |
| HIGH TEMP OP LIFE | 1621      | MAX77843EWV+T         | 135°C     | 1000      | HRS      | 80    | 0     |
| HIGH TEMP OP LIFE | 1621      | MAX77843EWV+T         | 135°C     | 1000      | HRS      | 80    | 0     |
| HIGH TEMP OP LIFE | 1621      | MAX77843EWV+T         | 135°C     | 1000      | HRS      | 79    | 0     |
| HIGH TEMP OP LIFE | 1621      | MAX98730EWJ+TC<br>GT  | 135°C     | 500       | HRS      | 80    | 0     |
| HIGH TEMP OP LIFE | 1621      | MAX98730EWJ+TC<br>GT  | 135°C     | 1000      | HRS      | 80    | 0     |
| HIGH TEMP OP LIFE | 1621      | MAX77686EWE+          | 135°C     | 500       | HRS      | 77    | 0     |
| HIGH TEMP OP LIFE | 1621      | MAX77686EWE+          | 135°C     | 500       | HRS      | 77    | 0     |
| HIGH TEMP OP LIFE | 1622      | MAX32620B             | 135°C     | 192       | HRS      | 48    | 0     |
| HIGH TEMP OP LIFE | 1622      | MAX98730EWJ+TC<br>GT  | 135°C     | 1000      | HRS      | 80    | 0     |
| HIGH TEMP OP LIFE | 1623      | MAX16124WTEQ00+<br>G7 | 135°C     | 500       | HRS      | 80    | 0     |
| HIGH TEMP OP LIFE | 1623      | MAX8986EWG+           | 135°C     | 1000      | HRS      | 77    | 0     |
| HIGH TEMP OP LIFE | 1626      | MAX14745AEWX+T        | 135°C     | 192       | HRS      | 79    | 0     |
| HIGH TEMP OP LIFE | 1626      | MAX98706AEWV+T<br>CLE | 135°C     | 1000      | HRS      | 80    | 0     |
| HIGH TEMP OP LIFE | 1628      | MAX16124WTEQ00+<br>G7 | 135°C     | 500       | HRS      | 80    | 0     |

|                   |      |                       |       |      |     |    |   |
|-------------------|------|-----------------------|-------|------|-----|----|---|
| HIGH TEMP OP LIFE | 1632 | MAX14743EWC+          | 135°C | 192  | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1633 | MAX98925EWW+T         | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1635 | MAX98927EWX+          | 135°C | 500  | HRS | 79 | 0 |
| HIGH TEMP OP LIFE | 1635 | MAX98927EWX+          | 135°C | 192  | HRS | 34 | 0 |
| HIGH TEMP OP LIFE | 1635 | MAX20317EWP+T         | 135°C | 192  | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1636 | MAX9027EWT+           | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1636 | MAX20310AEWE+T        | 135°C | 192  | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1638 | MAX11290ENX+TCL<br>5  | 135°C | 192  | HRS | 75 | 0 |
| HIGH TEMP OP LIFE | 1638 | MAX11290ENX+TCG<br>V  | 135°C | 192  | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1640 | MAX77865FSEWZ+T       | 135°C | 192  | HRS | 32 | 0 |
| HIGH TEMP OP LIFE | 1642 | MAX77854EWZ+T         | 135°C | 192  | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1642 | MAX32630IWQ+T         | 135°C | 192  | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1643 | MAX77865SEWZ+T        | 135°C | 192  | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1646 | MAX98706AEWV+T<br>CLE | 135°C | 1000 | HRS | 46 | 0 |
| HIGH TEMP OP LIFE | 1652 | MAX77650CEWV+T        | 135°C | 1000 | HRS | 46 | 0 |
| HIGH TEMP OP LIFE | 1653 | MAX77756BEWL+T<br>G7  | 135°C | 192  | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1653 | MAX77756BEWL+T<br>G7  | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1653 | MAX77277AEWB+         | 135°C | 212  | HRS | 79 | 0 |
| HIGH TEMP OP LIFE | 1703 | MAX98090AEWJ+T        | 135°C | 192  | HRS | 30 | 0 |
| HIGH TEMP OP LIFE | 1711 | MAX16124WTDB29+<br>T  | 135°C | 1000 | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1711 | MAX20313EWC+          | 135°C | 192  | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1712 | MAX77277AEWB+T        | 135°C | 1000 | HRS | 79 | 0 |
| HIGH TEMP OP LIFE | 1717 | MAX77277BEWB+         | 135°C | 1000 | HRS | 82 | 0 |
| HIGH TEMP OP LIFE | 1717 | MAX77277BEWB+         | 135°C | 192  | HRS | 83 | 0 |
| HIGH TEMP OP LIFE | 1718 | MAX77277CEWB+         | 135°C | 192  | HRS | 83 | 0 |
| HIGH TEMP OP LIFE | 1718 | MAX77277CEWB+         | 135°C | 1000 | HRS | 83 | 0 |
| HIGH TEMP OP LIFE | 1720 | MAX77705EWN+          | 135°C | 500  | HRS | 78 | 0 |
| HIGH TEMP OP LIFE | 1720 | MAX77650CEWV+T        | 135°C | 192  | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1721 | MAX14748EWW+          | 135°C | 192  | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1723 | MAX14813EWX+          | 135°C | 500  | HRS | 76 | 0 |
| HIGH TEMP OP LIFE | 1723 | MAX14813EWX+          | 135°C | 500  | HRS | 78 | 0 |
| HIGH TEMP OP LIFE | 1723 | MAX14813EWX+          | 135°C | 500  | HRS | 79 | 0 |
| HIGH TEMP OP LIFE | 1725 | MAX98512EWX+          | 135°C | 192  | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1728 | MAX77503BEWC18+       | 135°C | 192  | HRS | 80 | 0 |
| HIGH TEMP OP LIFE | 1729 | MAX77503AEWC+         | 135°C | 192  | HRS | 48 | 0 |
| HIGH TEMP OP LIFE | 1730 | MAX77718EWC+          | 135°C | 192  | HRS | 80 | 0 |

**Total: 0**

---

**PRECONDITIONING LEVEL 1**

| DESCRIPTION       | DATE CODE | TEST VEHICLE  | CONDITION   | READPOINT | QUANTITY | FAILS    | FA NO |
|-------------------|-----------|---------------|-------------|-----------|----------|----------|-------|
| CONVECTION REFLOW | 1707      | MAX77796EWI+T | 260C +0/-5C | PASS      | 150      | 0        |       |
| CONVECTION REFLOW | 1723      | MAX14813EWX+  | 260C +0/-5C | PASS      | 150      | 0        |       |
| CONVECTION REFLOW | 1723      | MAX14813EWX+  | 260C +0/-5C | PASS      | 150      | 0        |       |
| CONVECTION REFLOW | 1723      | MAX14813EWX+  | 260C +0/-5C | PASS      | 150      | 0        |       |
| <b>Total:</b>     |           |               |             |           |          | <b>0</b> |       |

---

**STORAGE LIFE**

| DESCRIPTION  | DATE CODE | TEST VEHICLE          | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|--------------|-----------|-----------------------|-----------|-----------|----------|-------|-------|
| STORAGE LIFE | 1448      | MAX77818EWZ+TG7       | 150°C     | 1000 HRS  | 50       | 0     |       |
| STORAGE LIFE | 1448      | MAX77818EWZ+TG7       | 150°C     | 1000 HRS  | 50       | 0     |       |
| STORAGE LIFE | 1616      | MAX98706AEWV+T<br>CLE | 150°C     | 1000 HRS  | 80       | 0     |       |
| STORAGE LIFE | 1620      | MAX77686EWE+          | 150°C     | 1000 HRS  | 77       | 0     |       |
| STORAGE LIFE | 1621      | MAX8986EWG+           | 150°C     | 1000 HRS  | 77       | 0     |       |
| STORAGE LIFE | 1621      | MAX77843EWV+T         | 150°C     | 1000 HRS  | 80       | 0     |       |
| STORAGE LIFE | 1621      | MAX98730EWJ+TC<br>GT  | 150°C     | 500 HRS   | 80       | 0     |       |
| STORAGE LIFE | 1621      | MAX98730EWJ+TC<br>GT  | 150°C     | 1000 HRS  | 80       | 0     |       |
| STORAGE LIFE | 1621      | MAX77686EWE+          | 150°C     | 1000 HRS  | 77       | 0     |       |
| STORAGE LIFE | 1621      | MAX77686EWE+          | 150°C     | 1000 HRS  | 77       | 0     |       |
| STORAGE LIFE | 1622      | MAX8986EWG+           | 150°C     | 1000 HRS  | 77       | 0     |       |
| STORAGE LIFE | 1622      | MAX98730EWJ+TC<br>GT  | 150°C     | 1000 HRS  | 80       | 0     |       |
| STORAGE LIFE | 1623      | MAX8986EWG+           | 150°C     | 1000 HRS  | 77       | 0     |       |
| STORAGE LIFE | 1623      | MAX77843EWV+T         | 150°C     | 1000 HRS  | 80       | 0     |       |
| STORAGE LIFE | 1626      | MAX98706AEWV+T<br>CLE | 150°C     | 1000 HRS  | 80       | 0     |       |
| STORAGE LIFE | 1633      | MAX77686EWG+T         | 150°C     | 500 HRS   | 77       | 0     |       |
| STORAGE LIFE | 1633      | MAX98925EWV+T         | 150°C     | 1000 HRS  | 80       | 0     |       |
| STORAGE LIFE | 1634      | MAX77686EWG+T         | 150°C     | 500 HRS   | 77       | 0     |       |
| STORAGE LIFE | 1634      | MAX77686EWG+T         | 150°C     | 1000 HRS  | 77       | 0     |       |
| STORAGE LIFE | 1636      | MAX9027EWT+           | 150°C     | 1000 HRS  | 50       | 0     |       |
| STORAGE LIFE | 1653      | MAX77756BEWL+T<br>G7  | 150°C     | 1000 HRS  | 50       | 0     |       |
| STORAGE LIFE | 1653      | MAX77756BEWL+T<br>G7  | 150°C     | 500 HRS   | 50       | 0     |       |
| STORAGE LIFE | 1653      | MAX77277AEWB+         | 150°C     | 500 HRS   | 50       | 0     |       |
| STORAGE LIFE | 1707      | MAX77796EWI+T         | 150°C     | 500 HRS   | 80       | 0     |       |

|               |      |                 |       |      |     |          |          |
|---------------|------|-----------------|-------|------|-----|----------|----------|
| STORAGE LIFE  | 1710 | MAX77796EWI+T   | 150°C | 500  | HRS | 80       | 0        |
| STORAGE LIFE  | 1712 | MAX77277AEWB+T  | 150°C | 1000 | HRS | 47       | 0        |
| STORAGE LIFE  | 1717 | MAX77277BEWB+   | 150°C | 1000 | HRS | 50       | 0        |
| STORAGE LIFE  | 1717 | MAX77277BEWB+   | 150°C | 500  | HRS | 50       | 0        |
| STORAGE LIFE  | 1723 | MAX14813EWX+    | 150°C | 500  | HRS | 80       | 0        |
| STORAGE LIFE  | 1723 | MAX14813EWX+    | 150°C | 500  | HRS | 80       | 0        |
| STORAGE LIFE  | 1723 | MAX14813EWX+    | 150°C | 500  | HRS | 80       | 0        |
| STORAGE LIFE  | 1728 | MAX77503BEWC18+ | 150°C | 500  | HRS | 80       | 0        |
| <b>Total:</b> |      |                 |       |      |     | <b>0</b> | <b>0</b> |

### TEMPERATURE CYCLE

| DESCRIPTION                     | DATE CODE | TEST VEHICLE          | CONDITION                   | READPOINT | QUANTITY | FAILS | FA NO |
|---------------------------------|-----------|-----------------------|-----------------------------|-----------|----------|-------|-------|
| TEMP CYCLE, 15' RAMP, 15' DWELL |           | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G)  | 100 CYS   | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL |           | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G)  | 100 CYS   | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1438      | MAX98730EWJ+CG        | -40C TO +125C (Condtion G)  | 100 CYS   | 80       | 0     |       |
| TEMP CYCLE, 5' RAMP, 10' DWELL  | 1520      | MAX77838EWO+          | -65C TO +150C (Condition C) | 144 CYS   | 100      | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1525      | MAX98730EWJ+CG        | -40C TO +125C (Condtion G)  | 100 CYS   | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1529      | MAX98730EWJ+CG        | -40C TO +125C (Condtion G)  | 100 CYS   | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1530      | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G)  | 100 CYS   | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1530      | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G)  | 100 CYS   | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1606      | MAX77833EWM+          | -40C TO +125C (Condtion G)  | 500 CYS   | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1606      | MAX77833EWM+          | -40C TO +125C (Condtion G)  | 250 CYS   | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1615      | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G)  | 100 CYS   | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1615      | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G)  | 100 CYS   | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1621      | MAX8986EWG+           | -40C TO +125C (Condtion G)  | 1000 CYS  | 77       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1621      | MAX77843EWV+T         | -40C TO +125C (Condtion G)  | 500 CYS   | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1621      | MAX77843EWV+T         | -40C TO +125C (Condtion G)  | 1000 CYS  | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1621      | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G)  | 1000 CYS  | 80       | 0     |       |
| TEMP CYCLE, 5' RAMP, 10' DWELL  | 1621      | MAX98730EWJ+TC<br>GT  | -65C TO +150C (Condition C) | 1000 CYS  | 79       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1621      | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G)  | 1000 CYS  | 80       | 0     |       |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1621      | MAX77686EWE+          | -40C TO +125C (Condtion G)  | 1000 CYS  | 77       | 0     |       |

|                                    |      |                       |                            |      |     |    |   |
|------------------------------------|------|-----------------------|----------------------------|------|-----|----|---|
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1621 | MAX8986EWG+           | -40C TO +125C (Condtion G) | 500  | CYS | 36 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1621 | MAX8986EWG+           | -40C TO +125C (Condtion G) | 1000 | CYS | 36 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1621 | MAX8986EWG+           | -40C TO +125C (Condtion G) | 250  | CYS | 36 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1621 | MAX8986EWG+           | -40C TO +125C (Condtion G) | 850  | CYS | 36 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1622 | MAX8986EWG+           | -40C TO +125C (Condtion G) | 1000 | CYS | 76 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1622 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 1000 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1622 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 1000 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1623 | MAX8986EWG+           | -40C TO +125C (Condtion G) | 1000 | CYS | 75 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1623 | MAX8986EWG+           | -40C TO +125C (Condtion G) | 850  | CYS | 76 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1623 | MAX77843EWW+T         | -40C TO +125C (Condtion G) | 1000 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1623 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1623 | MAX8986EWG+           | -40C TO +125C (Condtion G) | 250  | CYS | 36 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1624 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1626 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 850  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1627 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 850  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1627 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 850  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1627 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1627 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1627 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1627 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1627 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1627 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1627 | MAX98706AEWV+C<br>LE  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1628 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1628 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1629 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |

|                                    |      |                       |                            |     |     |    |   |
|------------------------------------|------|-----------------------|----------------------------|-----|-----|----|---|
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1629 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1630 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1631 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1633 | MAX77686EWG+T         | -40C TO +125C (Condtion G) | 500 | CYS | 77 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1633 | MAX98925EWW+T         | -40C TO +125C (Condtion G) | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1634 | MAX77686EWG+T         | -40C TO +125C (Condtion G) | 850 | CYS | 77 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1634 | MAX77686EWE+T         | -40C TO +125C (Condtion G) | 850 | CYS | 76 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1634 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1635 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1635 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1635 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1636 | MAX9027EWT+           | -40C TO +125C (Condtion G) | 850 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1636 | MAX9027EWT+           | -40C TO +125C (Condtion G) | 850 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1636 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1636 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1636 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1636 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1637 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1638 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1638 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1638 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1638 | MAX11291EWX+TC<br>GV  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1639 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1639 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1640 | MAX14813EWX+          | -40C TO +125C (Condtion G) | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1640 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |

|                                    |      |                       |                            |      |     |    |   |
|------------------------------------|------|-----------------------|----------------------------|------|-----|----|---|
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1641 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1643 | MAX11291EWX+TC<br>GV  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1643 | MAX11291EWX+TC<br>GV  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1643 | MAX11291EWX+TC<br>GV  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1643 | MAX11291EWX+TC<br>GV  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1643 | MAX11291EWX+TC<br>GV  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1643 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1644 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1645 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 100  | CYS | 40 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1645 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1648 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1648 | MAX11290EWX+TCL<br>5  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1649 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1650 | MAX11290EWX+TC<br>GV  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1651 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1651 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1652 | MAX77650CEWV+T        | -40C TO +125C (Condtion G) | 250  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1702 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1702 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 500  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1702 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 850  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1702 | MAX77865SEWZ+T        | -40C TO +125C (Condtion G) | 500  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1702 | MAX77865SEWZ+T        | -40C TO +125C (Condtion G) | 1000 | CYS | 79 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1702 | MAX77865SEWZ+T        | -40C TO +125C (Condtion G) | 250  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1703 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1703 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1703 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1703 | MAX11290EWX+TCL<br>5  | -40C TO +125C (Condtion G) | 100  | CYS | 80 | 0 |

|                                    |      |                       |                            |     |     |    |   |
|------------------------------------|------|-----------------------|----------------------------|-----|-----|----|---|
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1703 | MAX11291ENX+TCL<br>6  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1703 | MAX11290EWX+TC<br>GV  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1703 | MAX11290EWX+TC<br>GV  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1703 | MAX11290EWX+TC<br>GV  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1703 | MAX11290EWX+TCL<br>5  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1703 | MAX11290EWX+TC<br>GV  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1703 | MAX11290EWX+TC<br>GV  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1703 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 850 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1703 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1703 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1703 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 850 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1703 | MAX77865SEWZ+         | -40C TO +125C (Condtion G) | 250 | CYS | 77 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1703 | MAX77865SEWZ+         | -40C TO +125C (Condtion G) | 500 | CYS | 77 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1704 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1704 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1704 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1704 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1704 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1704 | MAX77756BEWL+T<br>G7  | -40C TO +125C (Condtion G) | 500 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1705 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1705 | MAX11290EWX+TC<br>GV  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1705 | MAX11290EWX+TC<br>GV  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1706 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1706 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1706 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1706 | MAX11290EWX+TCL<br>5  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1706 | MAX11291ENX+TCL<br>6  | -40C TO +125C (Condtion G) | 100 | CYS | 80 | 0 |



|                                    |      |                       |                             |      |     |    |   |
|------------------------------------|------|-----------------------|-----------------------------|------|-----|----|---|
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1707 | MAX11290EWX+TC<br>GV  | -40C TO +125C (Condition G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1709 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condition G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1709 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condition G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1709 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condition G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1710 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condition G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1710 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condition G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1710 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condition G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1710 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condition G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1710 | MAX77796EWI+T         | -40C TO +125C (Condition G) | 250  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1712 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condition G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1712 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condition G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1712 | MAX77277AEWB+T        | -40C TO +125C (Condition G) | 850  | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP,<br>10' DWELL  | 1712 | MAX77277AEWB+T        | -65C TO +150C (Condition C) | 500  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1713 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condition G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1713 | MAX98730EWJ+TC<br>GT  | -40C TO +125C (Condition G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1715 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condition G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1715 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condition G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1715 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condition G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1715 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condition G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP,<br>10' DWELL  | 1718 | MAX77833EWM+          | -65C TO +150C (Condition C) | 1000 | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP,<br>10' DWELL  | 1718 | MAX77833EWM+          | -55C TO +125C (Condition B) | 800  | CYS | 80 | 0 |
| TEMP CYCLE, 5' RAMP,<br>10' DWELL  | 1718 | MAX77833EWM+          | -65C TO +150C (Condition C) | 500  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1719 | MAX9634HEWS+TG<br>7   | -40C TO +125C (Condition G) | 500  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1723 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condition G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1723 | MAX98706AEWV+T<br>CLE | -40C TO +125C (Condition G) | 100  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1723 | MAX14813EWX+          | -40C TO +125C (Condition G) | 280  | CYS | 80 | 0 |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1723 | MAX14813EWX+          | -40C TO +125C (Condition G) | 280  | CYS | 80 | 0 |

|                                    |      |              |                             |     |     |          |          |
|------------------------------------|------|--------------|-----------------------------|-----|-----|----------|----------|
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1723 | MAX77705EWN+ | -40C TO +125C (Condition G) | 200 | CYS | 80       | 0        |
| TEMP CYCLE, 15'<br>RAMP, 15' DWELL | 1723 | MAX77705EWN+ | -40C TO +125C (Condition G) | 500 | CYS | 80       | 0        |
| <b>Total:</b>                      |      |              |                             |     |     | <b>0</b> | <b>0</b> |

---

### TEMPERATURE HUMIDITY BIAS

| DESCRIPTION     | DATE CODE | TEST VEHICLE          | CONDITION      | READPOINT | QUANTITY | FAILS    | FA NO    |
|-----------------|-----------|-----------------------|----------------|-----------|----------|----------|----------|
| BIASED MOISTURE |           | AU68                  | 130C, 85% R.H. | 192 HRS   | 46       | 0        |          |
| BIASED MOISTURE | 1438      | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 264 HRS   | 80       | 0        |          |
| BIASED MOISTURE | 1616      | MAX98706AEWV+T<br>CLE | 130C, 85% R.H. | 264 HRS   | 80       | 0        |          |
| BIASED MOISTURE | 1616      | MAX98706AEWV+T<br>CLE | 130C, 85% R.H. | 264 HRS   | 80       | 0        |          |
| BIASED MOISTURE | 1617      | MAX9879ERV+           | 130C, 85% R.H. | 264 HRS   | 77       | 0        |          |
| BIASED MOISTURE | 1621      | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 264 HRS   | 79       | 0        |          |
| BIASED MOISTURE | 1621      | MAX8986EWG+           | 110C, 85% R.H. | 264 HRS   | 36       | 0        |          |
| BIASED MOISTURE | 1622      | MAX8986EWG+           | 130C, 85% R.H. | 264 HRS   | 76       | 0        |          |
| BIASED MOISTURE | 1622      | MAX8986EWG+           | 110C, 85% R.H. | 264 HRS   | 36       | 0        |          |
| BIASED MOISTURE | 1623      | MAX77843EWV+T         | 110C, 85% R.H. | 264 HRS   | 80       | 0        |          |
| BIASED MOISTURE | 1626      | MAX98706AEWV+T<br>CLE | 130C, 85% R.H. | 100 HRS   | 80       | 0        |          |
| BIASED MOISTURE | 1627      | MAX98706AEWV+T<br>CLE | 130C, 85% R.H. | 100 HRS   | 80       | 0        |          |
| BIASED MOISTURE | 1627      | MAX98706AEWV+T<br>CLE | 130C, 85% R.H. | 100 HRS   | 80       | 0        |          |
| BIASED MOISTURE | 1633      | MAX98925EWV+T         | 130C, 85% R.H. | 264 HRS   | 50       | 0        |          |
| BIASED MOISTURE | 1634      | MAX77686EWG+T         | 130C, 85% R.H. | 264 HRS   | 77       | 0        |          |
| BIASED MOISTURE | 1703      | MAX77865SEWZ+         | 130C, 85% R.H. | 264 HRS   | 40       | 0        |          |
| BIASED MOISTURE | 1704      | MAX77756BEWL+T<br>G7  | 110C, 85% R.H. | 264 HRS   | 80       | 0        |          |
| BIASED MOISTURE | 1719      | MAX9634HEWS+TG<br>7   | 110C, 85% R.H. | 264 HRS   | 80       | 0        |          |
| BIASED MOISTURE | 1723      | MAX14813EWX+          | 130C, 85% R.H. | 264 HRS   | 20       | 0        |          |
| BIASED MOISTURE | 1723      | MAX14813EWX+          | 110C, 85% R.H. | 264 HRS   | 80       | 0        |          |
| BIASED MOISTURE | 1723      | MAX14813EWX+          | 130C, 85% R.H. | 264 HRS   | 80       | 0        |          |
| <b>Total:</b>   |           |                       |                |           |          | <b>0</b> | <b>0</b> |

---

### UNBIASED MOISTURE RESISTANCE

| DESCRIPTION   | DATE CODE | TEST VEHICLE         | CONDITION      | READPOINT | QUANTITY | FAILS | FA NO |
|---------------|-----------|----------------------|----------------|-----------|----------|-------|-------|
| MOISTURE SOAK |           | MAX77796EWI+T        | 130C, 85% R.H. | 96 HRS    | 80       | 0     |       |
| MOISTURE SOAK | 1529      | MAX98730EWJ+CG       | 130C, 85% R.H. | 96 HRS    | 80       | 0     |       |
| MOISTURE SOAK | 1530      | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96 HRS    | 80       | 0     |       |

|               |      |                       |                |     |     |    |   |
|---------------|------|-----------------------|----------------|-----|-----|----|---|
| MOISTURE SOAK | 1530 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1530 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1615 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1615 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1621 | MAX77843EWW+T         | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1621 | MAX77843EWW+T         | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1621 | MAX8986EWG+           | 130C, 85% R.H. | 96  | HRS | 36 | 0 |
| MOISTURE SOAK | 1622 | MAX8986EWG+           | 130C, 85% R.H. | 96  | HRS | 36 | 0 |
| MOISTURE SOAK | 1623 | MAX77843EWW+T         | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1623 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1623 | MAX8986EWG+           | 130C, 85% R.H. | 96  | HRS | 36 | 0 |
| MOISTURE SOAK | 1624 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1626 | MAX98706AEWV+T<br>CLE | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1627 | MAX98706AEWV+T<br>CLE | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1627 | MAX98706AEWV+T<br>CLE | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1627 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1627 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1627 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1627 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1627 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1627 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1627 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1627 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1627 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1628 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1628 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1629 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1629 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1630 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1630 | MAX98730EWJ+TC<br>GT  | 130C, 85% R.H. | 96  | HRS | 80 | 0 |

|               |      |                      |                |     |     |    |   |
|---------------|------|----------------------|----------------|-----|-----|----|---|
| MOISTURE SOAK | 1631 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1633 | MAX77686EWG+T        | 130C, 85% R.H. | 96  | HRS | 77 | 0 |
| MOISTURE SOAK | 1634 | MAX77686EWG+T        | 130C, 85% R.H. | 96  | HRS | 77 | 0 |
| MOISTURE SOAK | 1634 | MAX77686EWG+T        | 130C, 85% R.H. | 96  | HRS | 77 | 0 |
| MOISTURE SOAK | 1634 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1636 | MAX9027EWT+          | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1638 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 100 | HRS | 80 | 0 |
| MOISTURE SOAK | 1638 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1638 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1639 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1640 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1641 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1644 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1645 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1648 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1651 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1651 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1702 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1703 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1703 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1703 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1704 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1704 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1704 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1704 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1704 | MAX77756BEWL+T<br>G7 | 130C, 85% R.H. | 96  | HRS | 80 | 0 |
| MOISTURE SOAK | 1705 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0 |

|               |      |                      |                |     |     |    |          |
|---------------|------|----------------------|----------------|-----|-----|----|----------|
| MOISTURE SOAK | 1706 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0        |
| MOISTURE SOAK | 1706 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0        |
| MOISTURE SOAK | 1706 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0        |
| MOISTURE SOAK | 1707 | MAX77796EWI+T        | 130C, 85% R.H. | 96  | HRS | 80 | 0        |
| MOISTURE SOAK | 1709 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0        |
| MOISTURE SOAK | 1709 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0        |
| MOISTURE SOAK | 1710 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0        |
| MOISTURE SOAK | 1710 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0        |
| MOISTURE SOAK | 1710 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0        |
| MOISTURE SOAK | 1710 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0        |
| MOISTURE SOAK | 1712 | MAX77277AEWB+T       | 130C, 85% R.H. | 96  | HRS | 80 | 0        |
| MOISTURE SOAK | 1713 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0        |
| MOISTURE SOAK | 1713 | MAX98730EWJ+TC<br>GT | 130C, 85% R.H. | 96  | HRS | 80 | 0        |
| MOISTURE SOAK | 1719 | MAX9634HEWS+TG<br>7  | 130C, 85% R.H. | 96  | HRS | 80 | 0        |
| MOISTURE SOAK | 1723 | MAX14813EWX+         | 130C, 85% R.H. | 100 | HRS | 80 | 0        |
| MOISTURE SOAK | 1723 | MAX14813EWX+         | 130C, 85% R.H. | 100 | HRS | 80 | 0        |
| MOISTURE SOAK | 1723 | MAX14813EWX+         | 130C, 85% R.H. | 100 | HRS | 80 | 0        |
| MOISTURE SOAK | 1723 | MAX77705EWN+         | 130C, 85% R.H. | 100 | HRS | 80 | 0        |
| <b>Total:</b> |      |                      |                |     |     |    | <b>0</b> |

---

### Assembly Information:

Package Type: WLP-HC (Pb-Free)

Date Code Range: 1618 to 1647

---

### OPERATING LIFE

| DESCRIPTION       | DATE CODE | TEST VEHICLE         | CONDITION | READPOINT | QUANTITY | FAILS    | FA NO |
|-------------------|-----------|----------------------|-----------|-----------|----------|----------|-------|
| HIGH TEMP OP LIFE | 1647      | MAX15053EWL+TCN<br>1 | 135°C     | 1000 HRS  | 80       | 0        |       |
| <b>Total:</b>     |           |                      |           |           |          | <b>0</b> |       |

---

### STORAGE LIFE

| DESCRIPTION   | DATE CODE | TEST VEHICLE         | CONDITION | READPOINT | QUANTITY | FAILS    | FA NO |
|---------------|-----------|----------------------|-----------|-----------|----------|----------|-------|
| STORAGE LIFE  | 1647      | MAX15053EWL+TCN<br>1 | 150°C     | 1000 HRS  | 50       | 0        |       |
| <b>Total:</b> |           |                      |           |           |          | <b>0</b> |       |

---

### TEMPERATURE CYCLE

| DESCRIPTION | DATE CODE | TEST VEHICLE | CONDITION | READPOINT | QUANTITY | FAILS | FA NO |
|-------------|-----------|--------------|-----------|-----------|----------|-------|-------|
|-------------|-----------|--------------|-----------|-----------|----------|-------|-------|

|                                 |      |  |      |     |          |          |
|---------------------------------|------|--|------|-----|----------|----------|
| TEMP CYCLE, 15' RAMP, 15' DWELL |      | MAX15053EWL+TCN -40C TO +125C (Condition G)<br>1 | 850  | CYS | 80       | 0        |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1618 | MAX15053EWL+TCN -40C TO +125C (Condition G)<br>1 | 850  | CYS | 77       | 0        |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1618 | MAX15053EWL+TCN -40C TO +125C (Condition G)<br>1 | 850  | CYS | 79       | 0        |
| TEMP CYCLE, 5' RAMP, 10' DWELL  | 1633 | MAX15053EWL+TCN -65C TO +150C (Condition C)<br>1 | 1000 | CYS | 190      | 0        |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1633 | MAX15053EWL+TCN -40C TO +125C (Condition G)<br>1 | 850  | CYS | 80       | 0        |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1634 | MAX15053EWL+TCN -40C TO +125C (Condition G)<br>1 | 850  | CYS | 79       | 0        |
| TEMP CYCLE, 15' RAMP, 15' DWELL | 1644 | MAX15053EWL+TCN -40C TO +125C (Condition G)<br>1 | 850  | CYS | 80       | 0        |
| <b>Total:</b>                   |      |  |      |     | <b>0</b> | <b>0</b> |

---

#### TEMPERATURE HUMIDITY BIAS

| DESCRIPTION     | DATE CODE | TEST VEHICLE                        | CONDITION | READPOINT | QUANTITY | FAILS    | FA NO |
|-----------------|-----------|-------------------------------------|-----------|-----------|----------|----------|-------|
| BIASED MOISTURE |           | MAX15053EWL+TCN 130C, 85% R.H.<br>1 |           | 264 HRS   | 80       | 0        |       |
| BIASED MOISTURE | 1633      | MAX15053EWL+TCN 130C, 85% R.H.<br>1 |           | 264 HRS   | 80       | 0        |       |
| BIASED MOISTURE | 1644      | MAX15053EWL+TCN 130C, 85% R.H.<br>1 |           | 264 HRS   | 80       | 0        |       |
| <b>Total:</b>   |           |                                     |           |           | <b>0</b> | <b>0</b> |       |

---

#### UNBIASED MOISTURE RESISTANCE

| DESCRIPTION   | DATE CODE | TEST VEHICLE                        | CONDITION | READPOINT | QUANTITY | FAILS    | FA NO |
|---------------|-----------|-------------------------------------|-----------|-----------|----------|----------|-------|
| MOISTURE SOAK |           | MAX15053EWL+TCN 130C, 85% R.H.<br>1 |           | 96 HRS    | 80       | 0        |       |
| MOISTURE SOAK | 1633      | MAX15053EWL+TCN 130C, 85% R.H.<br>1 |           | 96 HRS    | 80       | 0        |       |
| MOISTURE SOAK | 1644      | MAX15053EWL+TCN 130C, 85% R.H.<br>1 |           | 96 HRS    | 80       | 0        |       |
| <b>Total:</b> |           |                                     |           |           | <b>0</b> | <b>0</b> |       |

**FAILURE RATE: MTTF (YRS): 871729 FITS: 0.1**