

10/27/2017



RELIABILITY MONITOR REPORT
FOR

Cartridge 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
MPOC	3 Cartridge

Note: Due to the nature of the construction on this assembly, there is no operating life data collected.

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: Cartridge
Flammability: UL 94-V0
Date Code Range: 1650 to 1650

STORAGE LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
STORAGE LIFE	1650	90-29020#340	150°C	1000 HRS	81	0	
STORAGE LIFE	1650	90-29020#340	150°C	1000 HRS	80	0	
STORAGE LIFE	1650	90-29021#340	150°C	1000 HRS	80	0	
STORAGE LIFE	1650	90-29020#340	150°C	1000 HRS	80	0	
Total:						0	

TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
TEMP CYCLE, 5' RAMP, 10' DWELL	1650	90-29020#340	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1650	90-29020#340	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1650	90-29021#340	-65C TO +150C (Condition C)	1000 CYS	80	0	
TEMP CYCLE, 5' RAMP, 10' DWELL	1650	90-29020#340	-65C TO +150C (Condition C)	1000 CYS	80	0	
Total:						0	

UNBIASED MOISTURE RESISTANCE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
MOISTURE SOAK	1650	90-29020#340	85 C/85% R.H.	1000 HRS	80	0	
MOISTURE SOAK	1650	90-29020#340	85 C/85% R.H.	1000 HRS	80	0	
MOISTURE SOAK	1650	90-29021#340	85 C/85% R.H.	1000 HRS	80	0	

MOISTURE SOAK

1650

90-
29020#340

85 C/85% R.H.

1000 HRS

80

0

Total:

0