



4/20/2008

RELIABILITY MONITOR REPORT
FOR

Power Cap Package

MAXIM Integrated Products

120 San Gabriel Dr.
Sunnyvale, CA 94086

This Report was prepared by
Maxim 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
Batangas Assembly	34 Power Cap (Pb-Free)

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 4/1/2007 and 3/31/2008

Assembly Information:

Package Type: Power Cap (Pb-Free)
 Flammability: UL 94-V0
 Date Code Range: 0715 to 0718

STORAGE LIFE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
VISUAL INSPECTION STORAGE LIFE	0715	DS1744	WHISKERS < 50uM 85 C	1000 HRS	77	0	0
VISUAL INSPECTION STORAGE LIFE	0718	DS1744	WHISKERS < 50uM 85 C	1000 HRS	77	0	0
VISUAL INSPECTION STORAGE LIFE	0718	DS1744	WHISKERS < 50uM 85 C	1000 HRS	77	0	0
Total:						0	0

TEMPERATURE CYCLE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
VISUAL INSPECTION TEMP CYCLE, 5' RAMP, 10' DWELL	0715	DS1744	WHISKERS < 50uM -40 TO 85C	1000 CYS	77	0	0
VISUAL INSPECTION TEMP CYCLE, 5' RAMP, 10' DWELL	0718	DS1744	WHISKERS < 50uM -40 TO 85C	1000 CYS	77	0	0
TEMP CYCLE, 5' RAMP, 10' DWELL	0718	DS1744	-40 TO 85C	1000 CYS	77	0	0
VISUAL INSPECTION			WHISKERS < 50uM		77	0	0
Total:						0	0

UNBIASED MOISTURE RESISTANCE

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
VISUAL INSPECTION MOISTURE SOAK	0715	DS1744	WHISKERS < 50uM 60C/90% R.H.	1000 HRS	77	0	0
VISUAL INSPECTION MOISTURE SOAK	0718	DS1744	WHISKERS < 50uM 60C/90% R.H.	1000 HRS	77	0	0
MOISTURE SOAK	0718	DS1744	60C/90% R.H.	1000 HRS	77	0	0
VISUAL INSPECTION			WHISKERS < 50uM		77	0	0

Total:

0