



1/25/2008

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 and

**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	0715	DS1744	WHISKERS < 50uM		57	0	
STORAGE LIFE			85 C	1000 HRS	77	0	
VISUAL INSPECTION	0718	DS1744	WHISKERS < 50uM		77	0	
STORAGE LIFE			85 C	1000 HRS	77	0	
VISUAL INSPECTION	0718	DS1744	WHISKERS < 50uM		77	0	
STORAGE LIFE			85 C	1000 HRS	77	0	
<b>Total:</b>						<b>0</b>	

**TEMPERATURE CYCLE**

DESCRIPTION	DATE CODE	TEST VEHICLE	CONDITION	READPOINT	QUANTITY	FAILS	FA NO
VISUAL INSPECTION	0715	DS1744	WHISKERS < 50uM		77	0	
TEMP CYCLE			-40 TO 85C	1000 CYS	77	0	
VISUAL INSPECTION	0718	DS1744	WHISKERS < 50uM		77	0	
TEMP CYCLE			-40 TO 85C	1000 CYS	77	0	
TEMP CYCLE	0718	DS1744	-40 TO 85C	1000 CYS	77	0	
VISUAL INSPECTION			WHISKERS < 50uM		77	0	
<b>Total:</b>						<b>0</b>	

**UNBIASED MOISTURE RESISTANCE**

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

