



| ENVIRONMENTAL AND PACKAGE TESTING DATA FOR PowerPAK® 1212-8 | | | | | |
|--|--------------------|-----------------------|-------------------------------|--------------------|------------------------|
| STRESS | SAMPLE SIZE | DEVICE HR./CYC | CONDITION | TOTAL FAILS | FAIL PERCENTAGE |
| BOND INT | 640 | 320 000 | 200 °C + N2 | 0 | 0.00 |
| HAST | 2756 | 275 600 | 130 °C, 85 % RH | 0 | 0.00 |
| Power Cycle | 1394 | 20 582 000 | DELTA T _J = 100 °C | 0 | 0.00 |
| Pressure Pot | 2842 | 272 832 | 121°, 15 PSIG | 0 | 0.00 |
| Solder DUNK | 1420 | 4260 | 260 °C, 10 s | 0 | 0.00 |
| Solderability | 315 | 2520 | 883 M2003 | 0 | 0.00 |
| Temp. Cycle | 3478 | 3 014 000 | -55 °C to 150 °C | 0 | 0.00 |