

Reliability Test Report

No.	Test Item	Test Conditions	Test Duration	Sample Size	Test Result	Failure Criteria
1	Ambient Life Test	Ta = 25°C	5,000 hrs	10	Pass	Note1
		I/P: 12V DC				
2	High Temperature Operating	Ta = 85°C	48 hrs	10	Pass	Note1
		I/P: 12V DC				
3	High Temperature Storage	Ta = 110°C	48 hrs	10	Pass	Note1
		Non-operating				
4	Temperature Cycle	0°C/120°C, 30 mins dwell	10 cycles	10	Pass	Note1
		Non-operating				
5	Powered Temperature Cycle	65°C/85°C/25°C/0°C, 48 hrs dwell	10 cycles	10	Pass	Note1
		I/P: 12V DC				
6	Salt Atmosphere	Salt Solution: 35°C±3°C, PH: 6.5~7.2	48 hrs	10	Pass	Note1
		I/P: 12V DC				

Note 1: Failure criteria includes units with catastrophic failures, or units with greater than 5% Iv degradation at 5,000 hours.

