

# Appendix D: Screening Guides

## HRP 106 : Hi-rel Hybrid Multiplier Assemblies

The following screening for multiplier assemblies is a guide for a suggested up-screening procedure. It can be modified or adjusted to suit requirements for a hi-rel hybrid multiplier application.

1)	Pre-pot Visual MIL-STD-750	Method 2071	
2)	High Temp Life MIL-STD-750	Method 1032	24 hours @ TA =125°C
3)	Temperature Cycling MIL-STD-750	Method 107	20 Cycles -55°C to +105°C 15 minutes at extremes 15 minutes transition
4)	Pre-Electrical		Voltage - in per spec Voltage - out per spec Current - out per spec Voltage ripple per spec - as applicable
5)	Burn-in		48 hours @ TA =25°C Voltage - out 100% Vrated Current - no load
6)	Post Electrical		Voltage - in per spec Voltage - out per spec Current - out per spec Voltage ripple per spec