

All Mini-Circuits products are manufactured under exacting quality assurance and control standards, and are capable of meeting published specifications after being subjected to any or all of the following physical and environmental test.

Specification	Test/Inspection Condition	Reference/Spec
Operating Temperature	-20° to +80° C	Individual Model Data Sheet
Storage Temperature	-55° to 100° C Ambient Environment	Individual Model Data Sheet
Stabilization Bake	(Non-operating) 125°C, 24 hours	- - -
DC Burn-in	(DC on) 112 hours at 80°C	---
Thermal Shock	-55°C to +100°C, 100 cycles, 15 mins dwell at extreme temperatures	MIL-STD-202, Method 107
Thermal Imaging	With Output open, short and load conditions	---
Vibration	Category 24, Exposure level figure 514C-17. General use, Random Vibration, 1 hr/axis 20-1000Hz - Amplitude PSD (0.040 G ² /Hz). 1000 to 2000 Hz - Amplitude PSD (-6dB/octave)	MIL-STD-810F Method 514.5
Mechanical Shock	Terminal peak sawtooth, 40G's, 11 ms, 3 shocks +/-, Each Axis, 18 Shock Pulses Total	MIL-STD-810F Method 516.5