



ACLM-4851

COAXIAL HIGH POWER LIMITER

Frequency Range (min)	1000 – 2000	MHz
Peak Input Power (max)	1000	W
CW Input Power (max)	60	W
CW Flat Leakage (max)	14	dBm
Insertion Loss (max)	0.35	dB
VSWR (max)	1.25:1	ratio

NOTES:

Model is rated for 60W CW and is also available in a 100W CW version. See part number ordering information.

Insertion loss is slightly higher for the high power version.

Power handling is linearly derated from full power at 25°C to zero power at +150°C.

This model requires DC blocks for proper operation

ENVIRONMENTAL SPECIFICATIONS:

MIL-E-5400, MIL-STD-202, MIL-E-16400

Operating Temp: -55°C to +125°C

Storage Temp: -65°C to +150°C

Humidity: MIL-STD-202F, M103, Cond B

Altitude: MIL-STD-202F, M105, Cond B

Thermal Shock: MIL-STD-202F, M107, Cond A

Temperature Cycle: MIL-STD-202F, M105C, Cond D

SCREENING:

Internal Visual per MIL-STD-883, Method 2017

Temperature Cycle: -65°C to +100°C, 10 cycles

OPTIONAL HIGH-REL SCREENING (Ref MIL-PRF-38534):

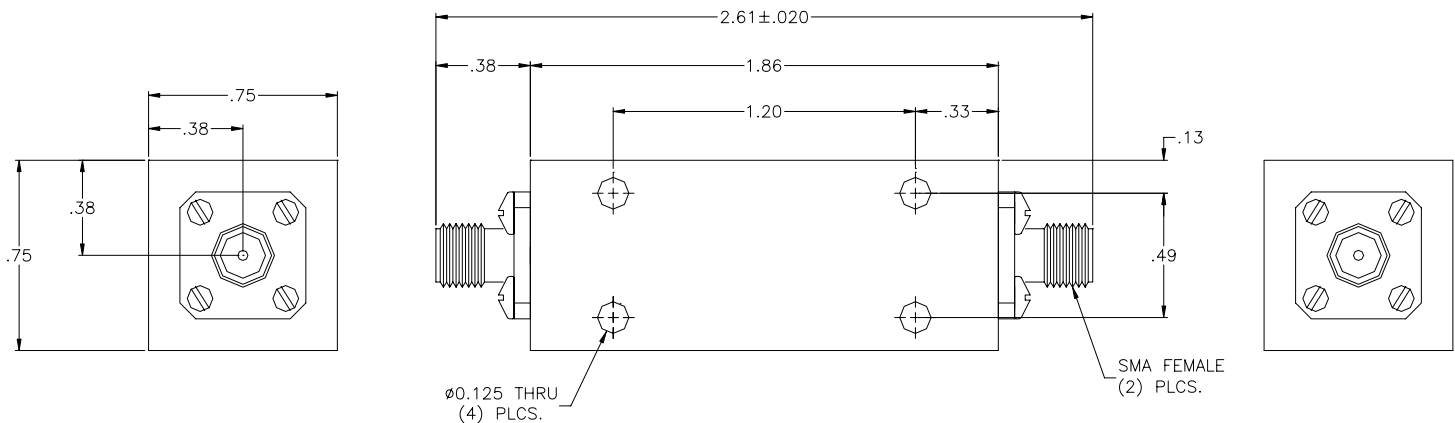
Stabilization Bake per MIL-STD-883, Method 1008

Temperature Cycle per MIL-STD-883, Method 1010

Constant Acceleration per MIL-STD-883, Method 2001

Burn-in per MIL-STD-883, Method 1015

External Visual per MIL-STD-883, Method 2009



STANDARD CASE STYLE C46

(Optional Case Styles – C24, C25, C88, C89)

PART NUMBER ORDERING INFORMATION:

- Add desired case style suffix: "C46" (Ex: ACLM-4851C46)
- Add "R" suffix: Reverse Connector Configuration (Ex: ACLM-4851C25R) (SMA Female Input/SMA Male Output)
- Add "H" suffix: High power handling version: (Ex: ACLM-4851HC25R)
- Add "-RC" suffix: RoHS-compliant (Ex: ACLM-4851HC25-RC)

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