



ACLM-4871 COAXIAL HIGH POWER LIMITER

Frequency Range (min)	100 – 1000	MHz
Peak Input Power (max)	1000	W
CW Input Power (max)	60	W
CW Flat Leakage (max)	14	dBm
Insertion Loss (max)	0.2	dB
VSWR (max)	1.28:1	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:

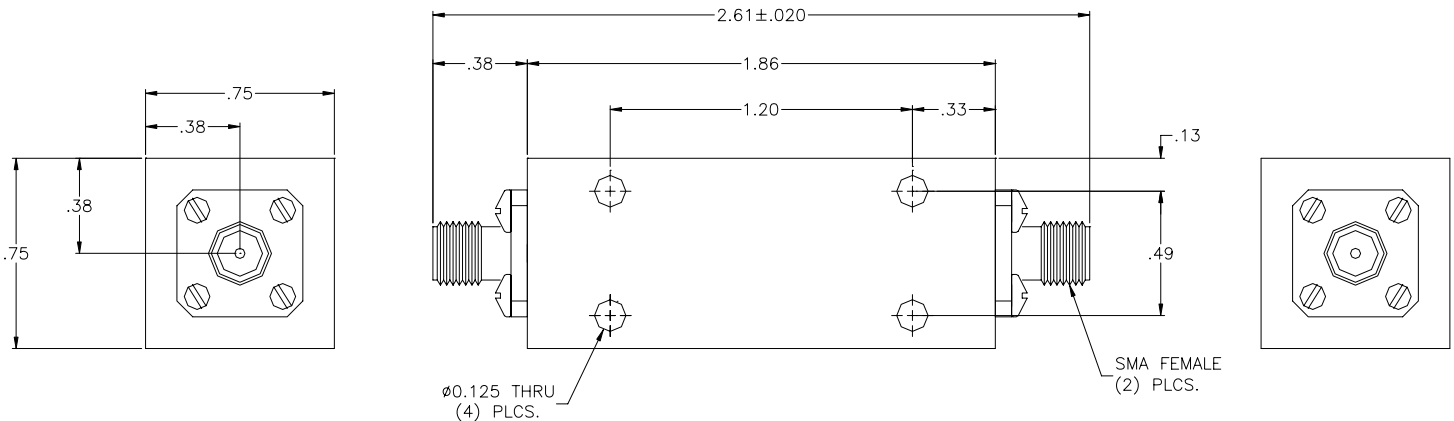
MIL-E-5400, MIL-STD-202, MIL-E-16400
 Operating Temp: -55°C to +125°C
 Storage Temp: -65°C to +150°C
 Humidity: MIL-STD-202F, M103, Cond B
 Altitude: MIL-STD-202F, M105, Cond B
 Thermal Shock: MIL-STD-202F, M107, Cond A
 Temperature Cycle: MIL-STD-202F, M105C, Cond D

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-4871C46)
- Add "R" suffix: Reverse Connector Configuration (Ex: ACLM-4871C25R) (SMA Female Input/SMA Male Output)
- Add "H" suffix: High power handling version: (Ex: ACLM-4871HC25R)
- Add "-RC" suffix: RoHS-compliant (Ex: ACLM-4871HC25-RC)

