

DESCRIPTION

PLANAR MONOLITHICS INDUSTRIES MODEL LM-3R15G3R25G-1-PE2-HERM IS A HIGH POWER LIMITER, SUPPLIED IN OUR STANDARD PE2 HERMETIC HOUSING, THAT WORKS FROM 3.15 TO 3.25 GHz.

SPECIFICATIONS

- FREQUENCY: 3.15 TO 3.25 GHz
- INSERTION LOSS: 1 dB MAX @ ≤ -20 dBm
- RETURN LOSS: 10 dB MIN @ ≤ -20 dBm
- I/P 1 dB COMPRESSION POINT: 5 dB TYP
- I/P PULSED POWER CHARACTERISTICS:
 - MAX PEAK INCIDENT POWER: 220 W
 - MAX DUTY CYCLE: 10%
 - MAX PULSE WIDTH: 50 μ s
 - RISE/FALL TIME: 1 μ s
- FLAT LEAKAGE POWER: 14 dBm MAX
- SPIKE LEAKAGE ENERGY: 0.1 erg TYP
- RECOVERY TIME: 1 μ s MAX
- I/O RF CONNECTION & PACKAGE: DROP-IN TYPE (WITH REMOVABLE SMA COAXIAL CONNECTORS AND REMOVABLE CARRIER HOUSING)

ENVIRONMENTAL RATINGS

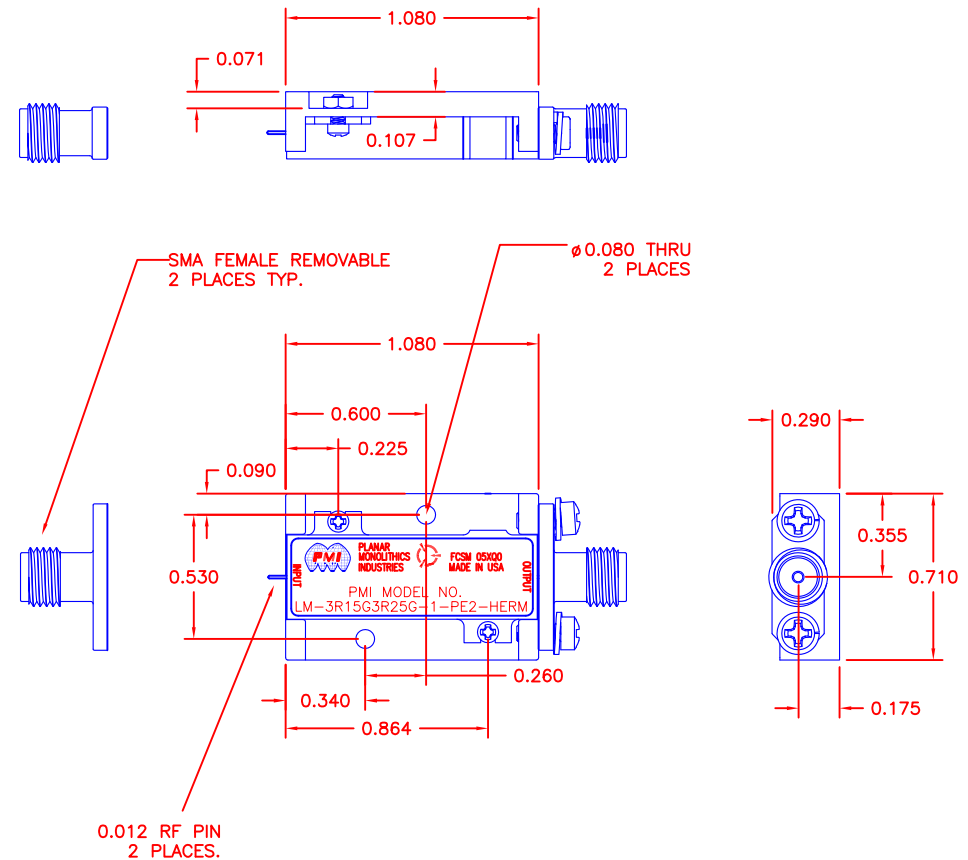
- TEMPERATURE: -15°C TO +60°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204B COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ± 0.020
X.XXX ± 0.010

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	PRELIMINARY	7/20/18	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE			
DRAWN		7/20/18		PRODUCT FEATURE			
CHECKED				LM-3R15G3R25G-1-PE2-HERM			
ISSUED				PRELIMINARY			
SIZE		FSCM NO.		DWG NO.		REV.	
A		05XQ0				—	
SCALE		N:S				SHEET	
						1 OF 1	