REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	PRELIMINARY	7/16/18	
	1	MECH UPDATE	7/17/18	

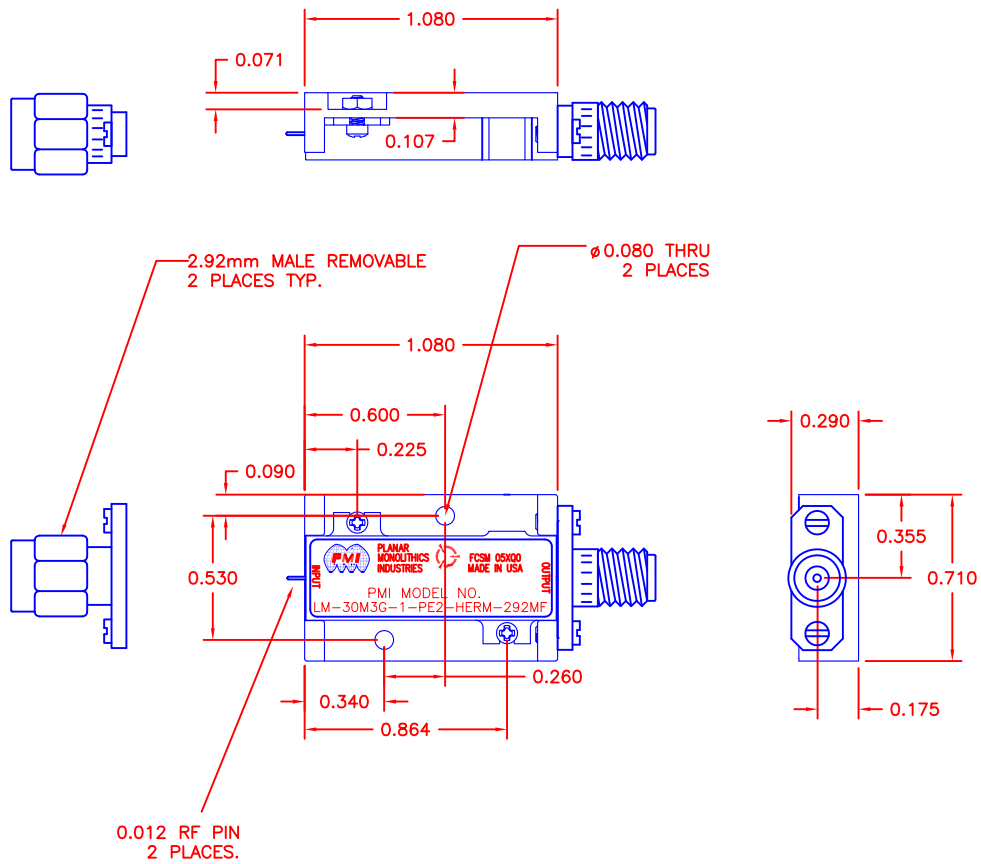
DESCRIPTION

PLANAR MONOLITHICS INDUSTRIES MODEL LM-30M3G-1-PE2-HERM-292MF IS A HIGH POWER LIMITER, SUPPLIED IN OUR STANDARD PE2 HOUSING, THAT WORKS FROM 30MHz TO 3GHz. THIS LIMITER HANDLES 5 WATTS CW WITH A LEAKAGE POWER OF +10 dBm TYP.

SPECIFICATIONS

- FREQUENCY: 30MHz TO 3GHz
- INSERTION LOSS: 1.2 dB (MAX.)
- PEAK POWER: 5 WATTS CW @ +25 C
- LEAKAGE POWER: +10 dBm TYP.
- RECOVERY TIME 1us MAX.
- VSWR: 1.5:1 (MAX.)
- DC BLOCKING: INPUT AND OUTPUT
- CONNECTORS (IN/OUT): 2.92 mm (M/F)
- WEIGHT: <1 OZ. TYPICAL
- SEALING: HERMETIC

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS

- TEMPERATURE: −55°C TO +85°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

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ISO 9001 CERTIFIED

APPROVALS	DATE
DRAWN CW	7/16/18
CHECKED	
ISSUED	

TITLE: PRODUCT FEATURE
LM-30M3G-1-PE2-HERM-292MF

SIZE	FSCM NO.	DWG NO.	REV.
A	05XQ0	PRELIMINARY	1

SCALE N:S SHEET 1 OF 1