

DESCRIPTION:

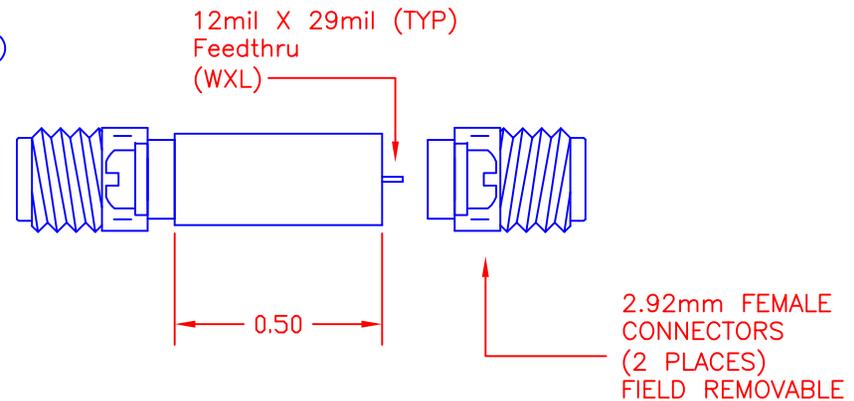
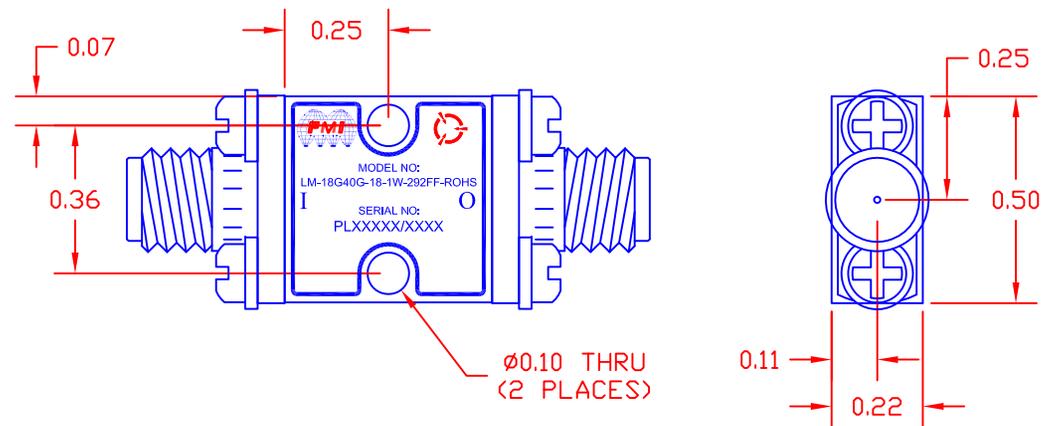
PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER LM-18G40G-18-1W-292FF-ROHS IS A HIGH POWER LIMITER THAT OPERATES FROM 18.0 GHz TO 40 GHz AND HANDLES 20 WATTS PEAK POWER. THE LEAKAGE POWER IS +18dBm MAXIMUM.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	11/14/23	

SPECIFICATIONS:

- FREQUENCY: 18.0 GHz TO 40 GHz
- INSERTION LOSS: 4.0dB MAX. (See Note 1)
- INPUT POWER: 1 WATT CW Max.
- VSWR: 2.1:1 (See Note 1)
- LEAKAGE POWER: +18dBm Max. (See Note 2)
- LIMITING THRESHOLD: +9dBm Max.
- RECOVERY TIME: 10nsec Max.
- CONNECTORS: 2.92mm FEMALE REMOVABLE (K-Type Equivalent)
- SIZE: 0.50 X 0.50 X .22
- WEIGHT: 1.5 OZ. TYPICAL

NOTE 1: Insertion Loss and VSWR tested at -10dBm.
 NOTE 2: Power Rating derated to 20% at +125 Degrees C.



ENVIRONMENTAL RATINGS

- TEMPERATURE: -55°C TO +85°C (OPERATING)
 -55°C TO +125°C (STORAGE)

PMI CONFIDENTIAL AND PROPRIETARY

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 ISO 9001 CERTIFIED



NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

APPROVALS		DATE	TITLE			REV.
DRAWN <i>AF</i>		11/14/23	PRODUCT FEATURE LM-18G40G-18-1W-292FF-ROHS HIGH POWER LIMITER			A1
CHECKED			SIZE	FSCM NO.	DWG NO.	
ISSUED			A	05XQ0	27018171	
			SCALE	N:S	SHEET	1 OF 1