

DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER LM-18G40G-18-1W-292FF 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.

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

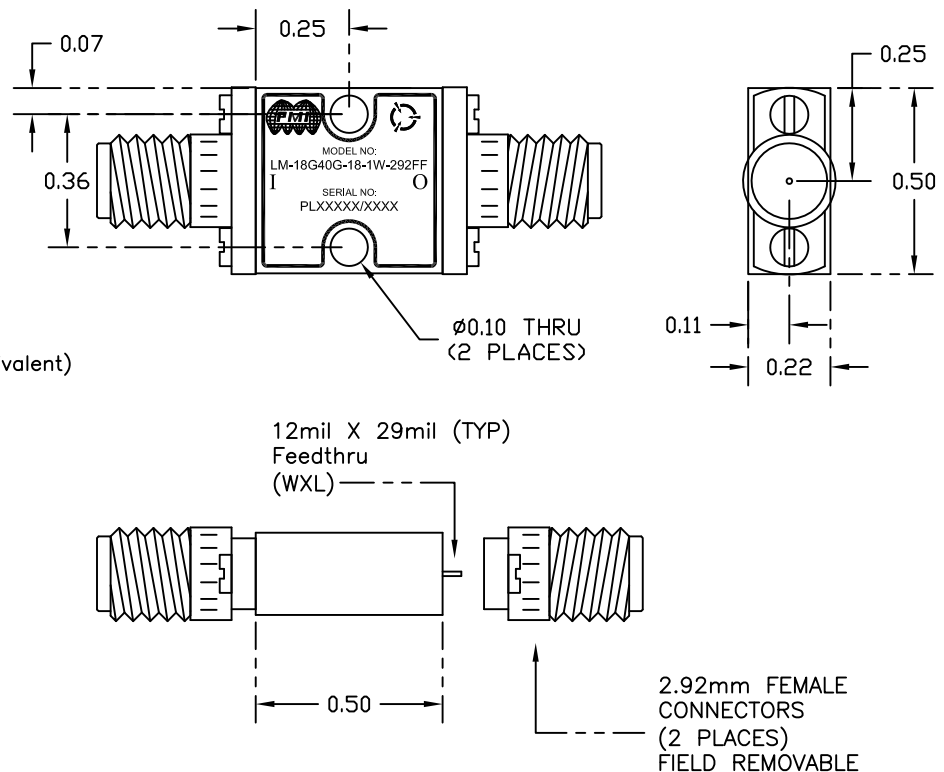
NOTE 1: Insertion Loss and VSWR tested at -10dBm.

NOTE 2: Power Rating derated to 20% at +125 Degrees C.

ENVIRONMENTAL RATINGS

- TEMPERATURE: -54°C TO +85°C (OPERATING)
-55°C TO +125°C (STORAGE)

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	04/23/13	
	A1	ECN # 13-0066	06/19/13	



PMI CONFIDENTIAL AND PROPRIETARY

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

PART NO.		PLANAR MONOLITHICS INDUSTRIES FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN <i>AMS</i>	04/23/13	PRODUCT FEATURE	
CHECKED		LM-18G40G-18-1W-292FF	
ISSUED		HIGH POWER LIMITER	
SIZE		FSCM NO.	DWG NO.
A		05XQ0	27018171
SCALE N:S		SHEET 1 of 1	
		REV.	A1