

DESCRIPTION

PMI MODEL: LM-7G8G-30W-SFF IS A RF LIMITER THAT OPERATES OVER THE 7.0 TO 8.0 GHz FREQUENCY RANGE. THIS LIMITER CAN HANDLE 30W CW INPUT POWER AND PROVIDE A MAXIMUM LEAKAGE OF +15 dBm.

SPECIFICATIONS

- FREQUENCY RANGE: ----- 7.0 TO 8.0 GHz
- INSERTION LOSS: ----- AT -10 dBm input power : 1.5 dB MAX
- VSWR AT -10 dBm INPUT POWER: --- 1.8:1 MAXIMUM
- IMPEDANCE: ----- 50 Ω
- CW POWER MAX: ----- +43 dBm MIN (20W MIN / 30W MAX)
- LIMITING THRESHOLD: ----- 15 dBm TYP
- FLAT LEAKAGE POWER: ----- +15 dBm
- CONNECTORS: ----- SMA FEMALE 2 PLACES
- SIZE (EXCLUDING CONNECTORS): -- 25.40 mm x 16.51 mm x 9.65 mm
1.00" x 0.65" x 0.38"
- FINISH: ----- GOLD PLATED

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -40 °C TO +85 °C (OPERATING)
- MECHANICAL SHOCK: ----- -50G for 10 ms
- VIBRATION: ----- 9.8 GRAMS 50 to 200 Hz SINE

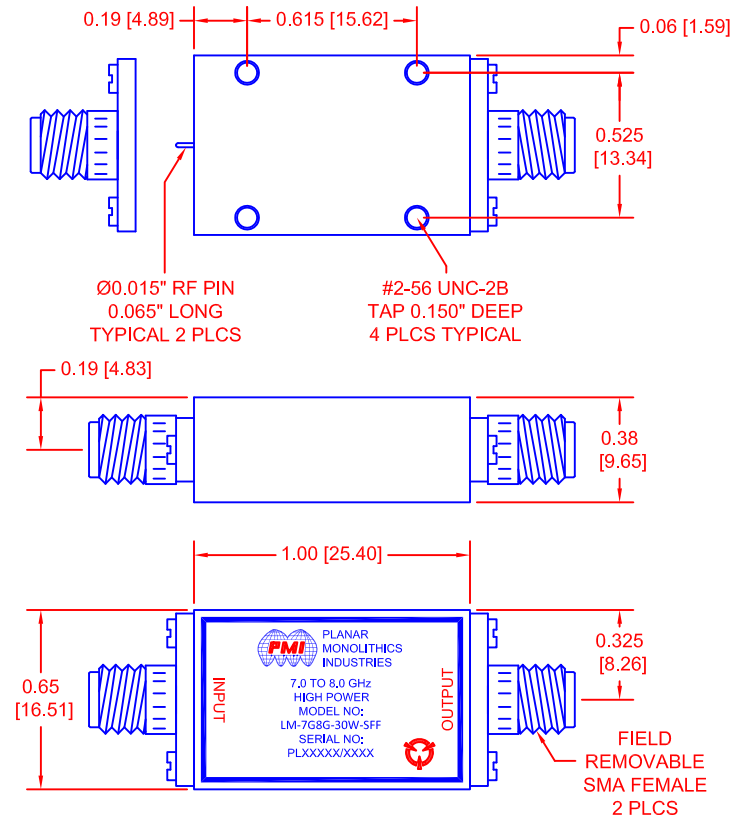
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

ALL DIMENSIONS ARE IN INCH [mm]
TOLERANCES:
X.XX ± 0.020 [0.508]
X.XXX ± 0.010 [0.254]

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	8/29/22	

MECHANICAL OUTLINE



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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN <i>AF</i>		8/29/22	PRODUCT FEATURE LM-7G8G-30W-SFF 7.0 to 8.0 GHz High Power Limiter		
REDRAWN			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY
ISSUED			SCALE N:S		SHEET 1 OF 1