

DESCRIPTION

PMI MODEL NO. HP3G18G-SMA IS A HIGH PASS FILTER THAT OPERATES OVER THE FREQUENCY RANGE OF 3.0 TO 18.0 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 1.0 dB AND A MAXIMUM VSWR OF 1.7:1. THIS MODEL IS OUTFITTED WITH SMA FEMALE CONNECTORS.

SPECIFICATIONS

- FREQUENCY RANGE: ----- 3.0 TO 18.0 GHz
- INSERTION LOSS: ----- 1.0 dB MAX
- VSWR: ----- 1.7:1 MAX
- REJECTION @ DC TO 2.5 GHz: ----- 60 dB MIN
- INPUT POWER: ----- 15 WATTS MAX
- IMPEDANCE: ----- 50 OHMS
- CONNECTORS: ----- SMA FEMALE
- FINISH: ----- PAINTED BLUE

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -45 °C TO +85 °C (OPERATING)
----- -65 °C TO +125 °C (STORAGE)
- HUMIDITY: ----- MIL-STD-202, METHOD 103B COND. B
- SHOCK: ----- MIL-STD-202, METHOD 213B COND. B
- VIBRATION: ----- MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

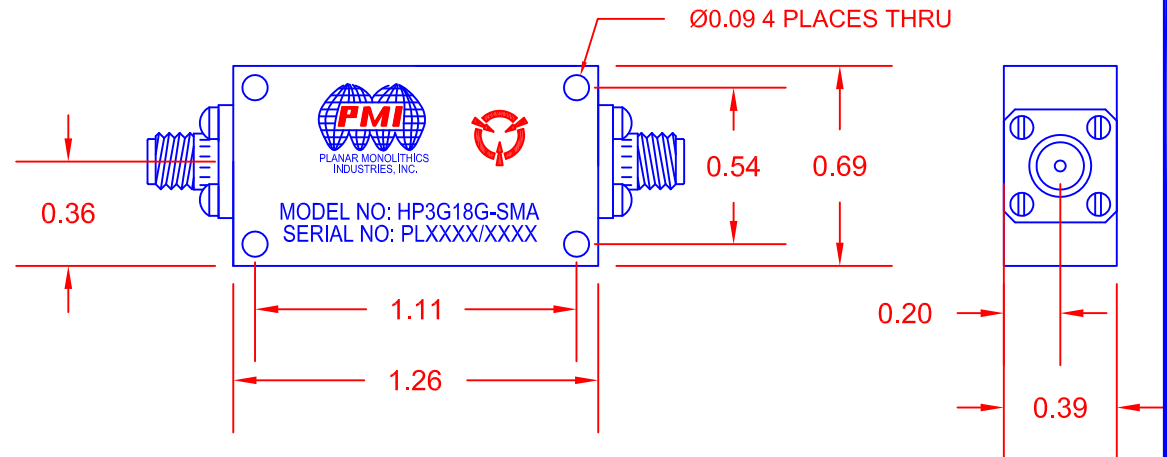
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	12/23/22	

MECHANICAL OUTLINE



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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE				REV.
DRAWN <i>AF</i>		12/23/22	PRODUCT FEATURE HP3G18G-SMA				-
REDRAWN			SIZE	FSCM NO.	DWG NO.		
ISSUED			A	05XQ0	PRELIMINARY		
			SCALE	N:S	SHEET	1 OF 1	