

DESCRIPTION

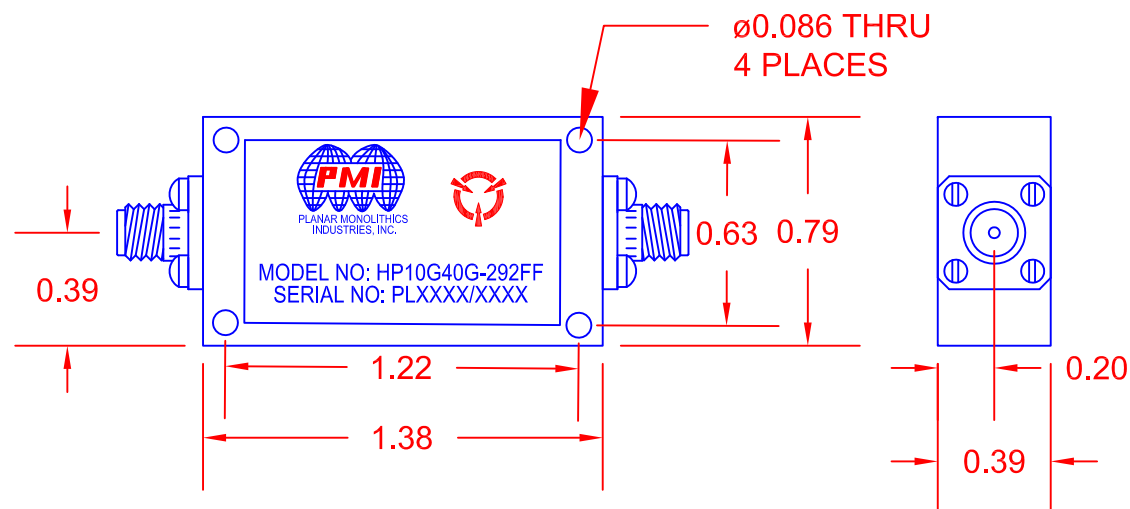
PMI MODEL NO. HP10G40G-292FF IS A HIGH PASS FILTER THAT OPERATES OVER THE FREQUENCY RANGE OF 10.0 TO 40.0 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 2.0 dB AND A MAXIMUM VSWR OF 2.0:1. THIS MODEL IS OUTFITTED WITH 2.92 mm FEMALE CONNECTORS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	2/21/2019	

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY RANGE (-1 dB BANDWIDTH): — 10.0 TO 40.0 GHz
- INSERTION LOSS: ————— 2.0 dB MAX
- VSWR: ————— 2.0:1 MAX
- REJECTION @ DC TO 5.0 GHz: ————— 40 dB MIN
- REJECTION @ 5.0 TO 6.0 GHz: ————— 30 dB MIN
- INPUT POWER: ————— 10 WATTS MAX
- IMPEDANCE: ————— 50 OHMS
- CONNECTORS: ————— 2.92 mm 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

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

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN		2/21/10	PRODUCT FEATURE HP10G40G-292FF			
REDRAWN						
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	PRELIMINARY	-
			SCALE	N:S	SHEET	1 OF 1