

DESCRIPTION

PMI MODEL: PBT-1G40G-292FF IS A 1 GHz TO 40 GHz BIAS T THAT HAS A MAXIMUM INSERTION LOSS OF 2dB. BIAS T COMES IN A SMALL 1.37" x 1.00" x 0.60" PACKAGE OUTFITTED WITH 2.92 mm FEMALE CONNECTORS.

SPECIFICATIONS

- FREQUENCY RANGE: ----- 1 GHz TO 40.0 GHz
- INSERTION LOSS:----- 2 dB MAX
- INPUT POWER HANDLING: ----- +33 dBm CW MAX
- VSWR (IN/OUT): ----- 2.0:1 MAX
- DC SUPPLY (DC PIN OR RF OUT) : ----- +12 TO +15 VDC @ 600 mA MAX
- SIZE: ----- 0.5" (L) x 1.00" (W) x 0.40" (H)
- CONNECTORS: ----- 2.92 mm FEMALE

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)
-65 °C TO +117 °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

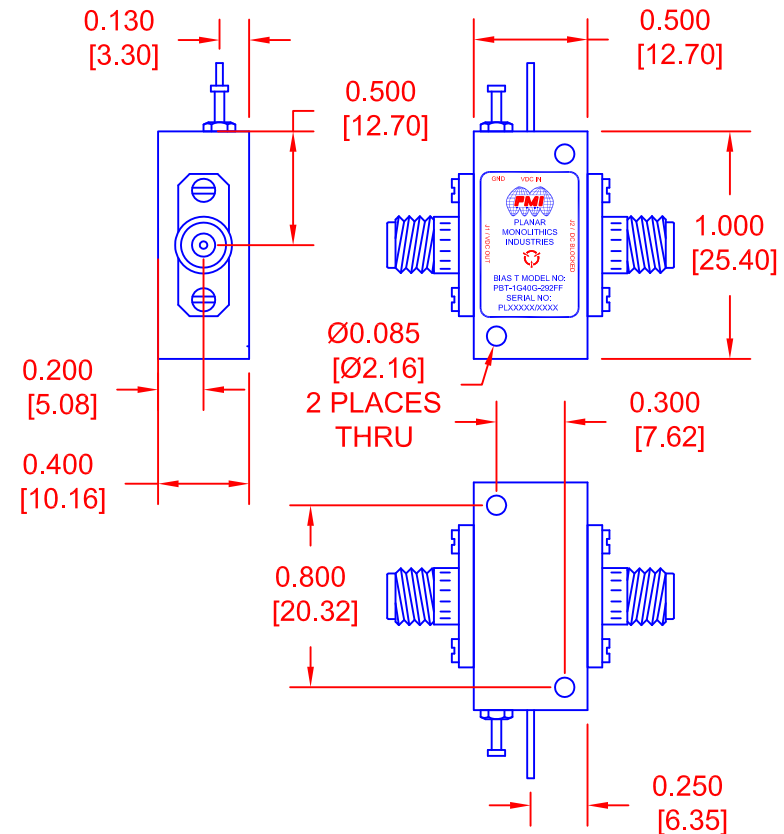
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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	7/1/20	

MECHANICAL OUTLINE



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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE		
DRAWN		7/1/20		PRODUCT FEATURE		
CHECKED				PBT-1G40G-292FF		
ISSUED				PRELIMINARY		
SCALE		N:S		SHEET		1 OF 1