

## DESCRIPTION

PMI MODEL BPF-4G25R4G35R-100M-TNC IS A BAND PASS FILTER WITH A CENTER FREQUENCY OF 4.3 GHz. IT HAS A MAX INSERTION LOSS OF 1.0 dB AND A MAXIMUM VSWR OF 1.25:1. THIS MODEL IS OUTFITTED WITH TNC FEMALE CONNECTORS.

## SPECIFICATIONS

- PASSBAND FREQUENCY: ----- 4.25 TO 4.35 GHz
- INSERTION LOSS: ----- 1.0 dB MAXIMUM
- VSWR: ----- 1.25:1 MAXIMUM
- CENTER FREQUENCY: ----- 4.3 GHz
- REJECTION @ 3.9 GHz AND 4.7 GHz: -- 60 dB MINIMUM
- GROUP DELAY VARIATION: ----- 2 ns MAXIMUM
- INPUT POWER: ----- 10 WATTS MAXIMUM
- PASSBAND RIPPLE: ----- ±0.5 dB MAXIMUM
- BANDWIDTH: ----- 100 MHz
- IMPEDANCE: ----- 50 OHMS
- INPUT/OUTPUT CONNECTOR: ----- TNC FEMALE

## ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -45 °C TO +70 °C (OPERATING)  
-60 °C TO +85 °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

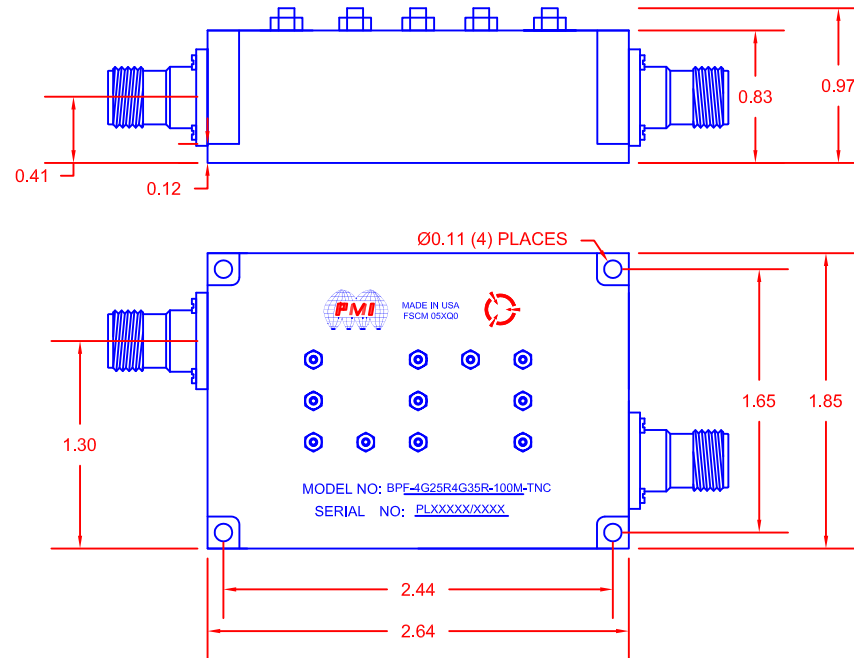
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

**PMI CONFIDENTIAL AND PROPRIETARY**

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	9/28/2021	

## MECHANICAL OUTLINE



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 ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			REV.
DRAWN <i>AF</i>		9/28/21	PRODUCT FEATURE BPF-4G25R4G35R-100M-TNC			-
REDRAWN			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	
ISSUED			SCALE N:S	SHEET		1 OF 1