

DESCRIPTION

PMI MODEL NO. BPF-2G500M-4G500M-PIN IS A BAND PASS FILTER THAT HAS A PASSBAND OF 2.5 TO 4.5 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 2.5 dB. THIS MODEL IS OUTFITTED WITH PINS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	8/8/2022	

MECHANICAL OUTLINE

SPECIFICATIONS

- PASS BAND: ----- 2.5 TO 4.5 GHz
- INSERTION LOSS: ----- 2.5 dB MAX
- PASS BAND RIPPLE: ----- 2.0 dB MAX
- REJECTION @ 2.25 GHz: ----- -20 dBc MIN
- REJECTION @ 2.15 GHz: ----- -55 dBc
- REJECTION @ 4.8 GHz: ----- -55 dBc
- CONNECTORS: ----- PIN



ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -40 °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

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

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



		TITLE PRODUCT FEATURE BPF-2G500M-4G500M-PIN				
APPROVALS	DATE					
DRAWN <i>AF</i>	<i>8/8/22</i>					
REDRAWN						
ISSUED		SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY		REV -
		SCALE N:S			SHEET 1 OF 1	