DESCRIPTION

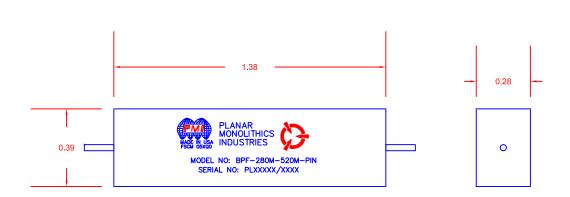
PMI MODEL NO. BPF-2G500M-4G500M-PIN IS A BAND PASS FILTER THAT HAS A PASSBAND OF 2.5 TO 4.5 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 2.5 dB. THIS MODEL IS OUTFITTED WITH PINS.

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 @ 4.8 GHz: ----- -55 dBc CONNECTORS: ----



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 ------ MIL-STD-202, METHOD 105C COND. B TEMPERATURE CYCLE; ------------ MIL-STD-202, METHOD 107D COND, A

TOLERANCES: X.XX X.XXX

ALL DIMENSIONS ARE IN INCHES [mm] ±0.020

FREDERICK, MARYLAND 21704 USA TEL: (301)-662-5019, FAX: (301)-662-1731 WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com ISO 9001 CERTIFIED PRODUCT FEATURE APPROVALS BPF-2G500M-4G500M-PIN 8/8/22 ДF REDRAWN DWG NO. SIZE FSCM NO. REV. Α 05XQ0 **PRELIMINARY** ISSUED

7311-F GROVE ROAD

SCALE N:S

PLANAR MONOLITHICS INDUSTRIES, INC.

SHEET 1 OF 1

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY