

DESCRIPTION

PMI MODEL NO. BPF-275M-510M-TNCF is a BAND PASS FILTER THAT OPERATES OVER THE FREQUENCY RANGE OF 20 TO 530 MHz. IT HAS A MAXIMUM INSERTION LOSS OF 1.0 dB AND A MAXIMUM VSWR OF 1.5:1. THIS MODEL IS OUTFITTED WITH TNC FEMALE CONNECTORS.

SPECIFICATIONS

- FREQUENCY RANGE (-1 dB BANDWIDTH): --- 20 TO 530 MHz
- INSERTION LOSS: ----- 1.0 dB MAX
- PASS BAND RIPPLE: ----- ±0.5 dB MAX
- VSWR: ----- 1.5:1 MAX
- REJECTION @ 1000 MHz: ----- 50 dBc MIN
- INPUT POWER: ----- 1 WATT MAX
- IMPEDANCE: ----- 50 OHMS
- CONNECTORS: ----- TNC FEMALE
- FINISH: ----- PAINTED BLUE

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

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

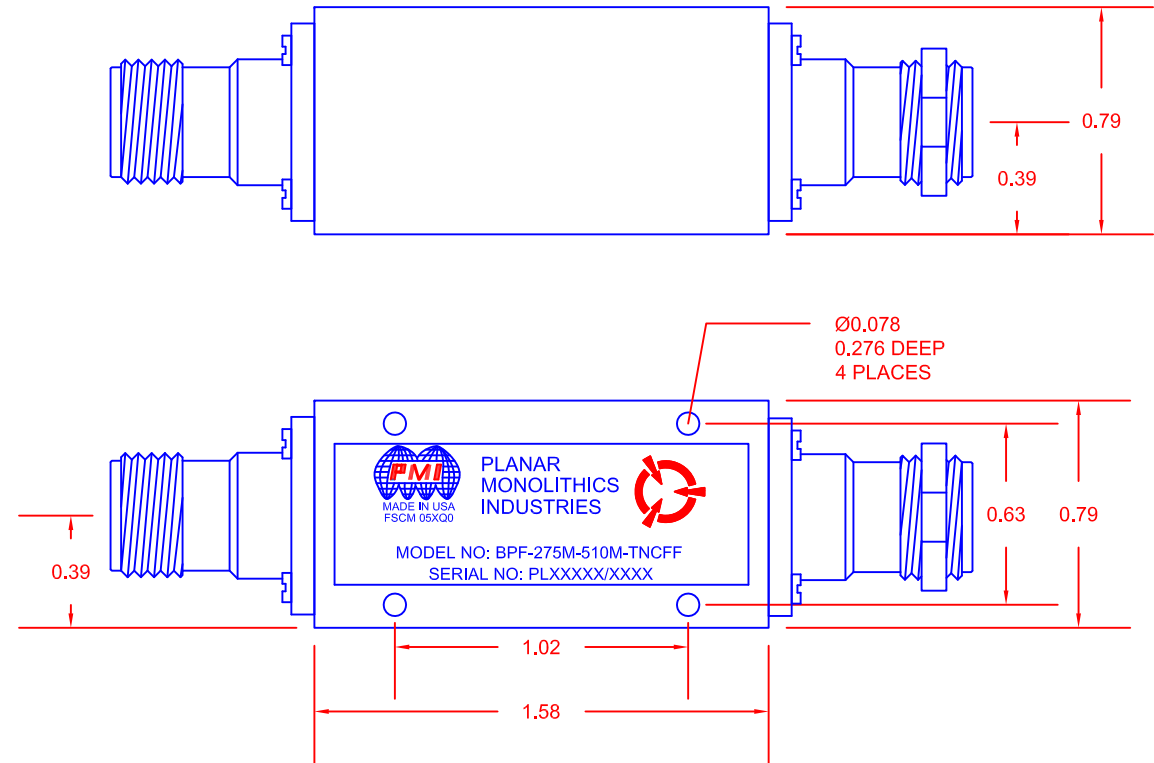
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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	4/10/2019	
	1	UPDATED MECHANICALS	4/16/2019	

MECHANICAL OUTLINE



PLANAR MONOLITHICS INDUSTRIES, INC.
7311-F GROVE ROAD
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



APPROVALS		DATE	TITLE			
DRAWN <i>EW</i>		4/10/19	PRODUCT FEATURE BPF-275M-510M-TNCF			
REDRAWN			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. 1
ISSUED			SCALE N:S	SHEET 1 OF 1		