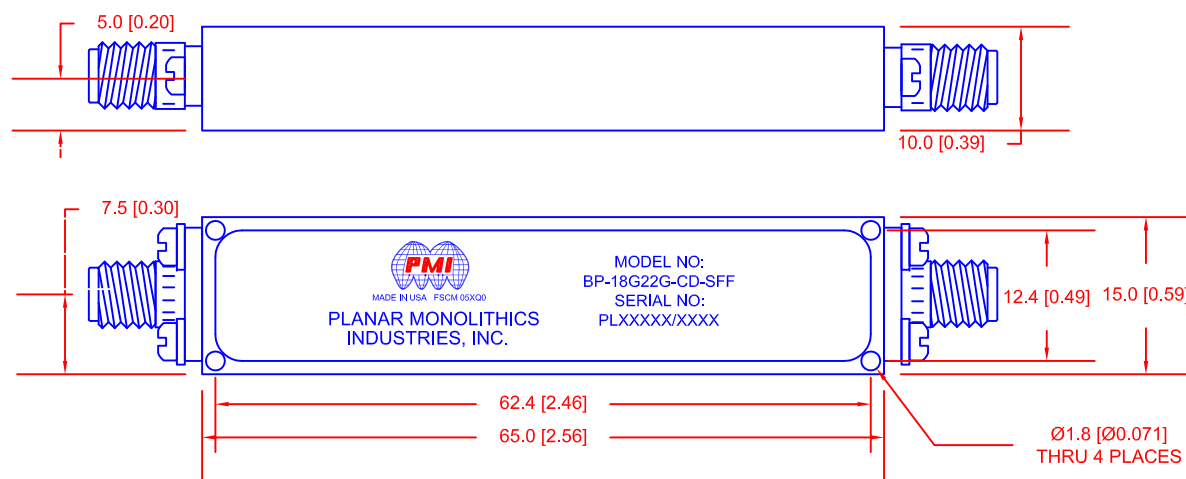


DESCRIPTION

PMI MODEL BP-18G22G-CD-SFF IS A BAND PASS FILTER OPERATING OVER THE 18.0 TO 22.0 GHz FREQUENCY RANGE.

SPECIFICATIONS

- FREQUENCY RANGE : 18.0 TO 22.0 GHz
- INSERTION LOSS: 2.0 dB TYP, 2.5 dB MAX
- VSWR: 2.0:1 MAX
- REJECTION @ DC TO 16.5 GHz: 40 dB MIN
- REJECTION @ 23.0 TO 23.5 GHz: 20 dB MIN
- REJECTION @ 23.5 TO 40.0 GHz: 40 dB MIN
- REJECTION @ 40.0 TO 43.0 GHz: 20 dB MIN
- POWER HANDLING: 1 W MAX
- IMPEDANCE: 50 OHMS
- INPUT/OUTPUT CONNECTOR: 2.92 mm (F)
- FINISH: PAINTED BLUE



ENVIRONMENTAL RATINGS

- TEMPERATURE: -25°C TO +90°C (OPERATING)
-35°C TO +100°C (STORAGE)
- HUMIDITY: MIL-E-5400T 3.2.24.4, 95% RH
- VIBRATION: 10 mm P-P @ 2.0 TO 5.0 Hz
5 mm P-P @ 5.0 TO 10.0 Hz
1 G @ 10.0 TO 50.0 Hz
- SHOCK: MIL-E-5400T 3.2.24.6.1
15 G, 11±1 ms, 3 TIMES X 6 DIRECTIONS

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

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	1/2/17	

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		1/2/17		PRODUCT FEATURE	
REDRAWN				BP-18G22G-CD-SFF	
ISSUED					
SIZE	FSCM NO.	DWG NO.	REV.		
A	05XQ0	PRELIMINARY	-		
SCALE N:S		SHEET		1 OF 1	