

DESCRIPTION:

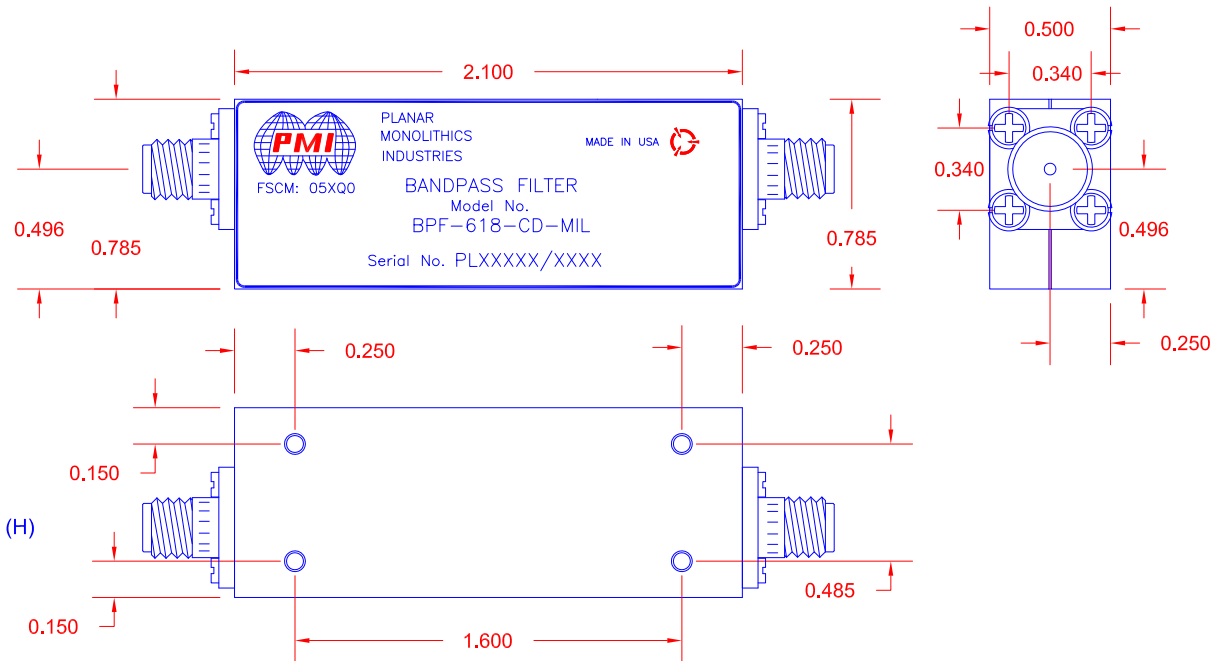
PMI model number BPF-618-CD-MIL is a suspended substrate filter in a lowpass/highpass configuration.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	9/1/21	

SPECIFICATIONS:

- PASSBAND: 6.0 TO 18.0 GHz
- VSWR IN THE PASS BAND: 2.0:1 Max.
- INSERTION LOSS (PASSBAND): 1.5 dB Max.
- REJECTION DC TO 4.0 GHz: 30 dB Min.
- REJECTION 19.0 TO 20.0 GHz: 30 dB Typ.
- CW POWER HANDLING: 10W Max.
- PULSE POWER HANDLING: 100W / 1us / 0.1% DC Min.

- CONNECTORS: SMA (F)
- SIZE: 2.1" (L) x 0.785" (W) x 0.50" (H)
- WEIGHT: 2 OZ. TYP.
- FINISH: PAINTED BLUE



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-810E, METHOD 507.6, PRO.IV. - OPERATING 95% RH
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-810G, METHOD 528 TYPE I
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- SALT FOG: MIL-STD-202F, METHOD 107D COND. A
- FUNGUS: MIL-STD-810C, METHOD 508.2
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.005

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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APPROVALS		DATE	TITLE		
DRAWN		SPH	PRODUCT FEATURE		
CHECKED		9/1/21	BPF-618-CD-MIL		
ISSUED			SIZE	FSCM NO.	DWG NO.
			A	05XQ0	PRELIMINARY
			SCALE	N:S	SHEET 1 OF 1