

DESCRIPTION

PMI MODEL 8BP750M-CD-SFM IS A CAVITY FILTER WITH SMA CONNECTORS IN AND OUT. ALL FILTERS ARE MACHINED AND SILVER PLATED TO PROVIDE THE HIGHEST POSSIBLE Q.

SPECIFICATIONS

- CENTER FREQUENCY: 750 MHz
- 1dB BANDWIDTH: 500 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX
- INSERTION LOSS (PASS BAND): 2.0dB MAX
- REJECTION: 40dBc FROM 8 TO 12.5 GHz
40dBc @ 1100 MHz
40dBc @ 400 MHz
- CONNECTORS: SMA (MALE/FEMALE)
- SIZE: (L) 6.87" X (W) 1.60" X (H) 2.00"
- FINISH BLUE EPOXY POLIMIDE COATING IAW MIL-C-22750, TYPE I OVER EPOXY POLIMIDE PRIMER IAW MIL-P-23377, TYPE I, CLASS 1 OR 3.

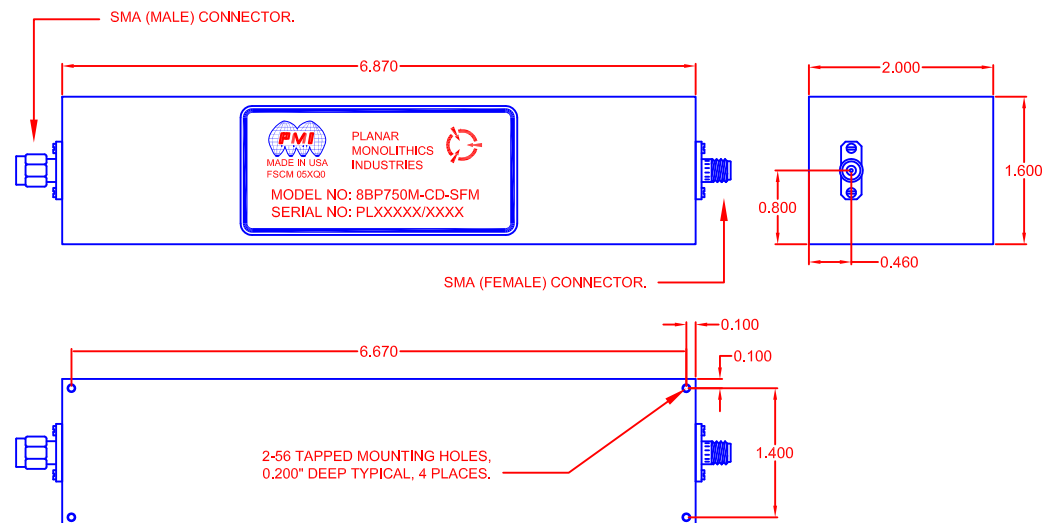
ENVIRONMENTAL RATINGS:

- TEMPERATURE: -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- 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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	05/30/14	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



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

APPROVALS		DATE	TITLE			
DRAWN		05/30/14	PRODUCT FEATURE			
CHECKED			8BP750M-CD-SFM			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	27022682	1
SCALE N: S			SHEET 1 OF 1			