

## DESCRIPTION

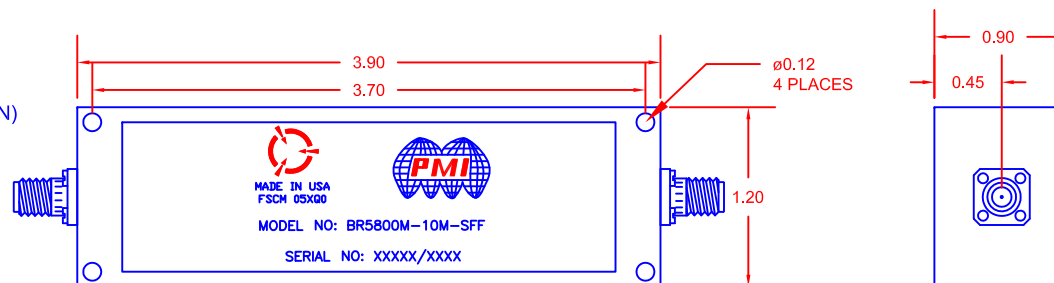
PMI MODEL NO. BR5800M-10M-SFF IS A NOTCH FILTER WITH A CENTER FREQUENCY OF 5800 MHz. THE PASSBAND VSWR IS 1.8:1 MAXIMUM AND THIS UNIT IS OUTFITTED WITH SMA FEMALE CONNECTORS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	11/2/2018	

## MECHANICAL OUTLINE

## SPECIFICATIONS

- CENTER FREQUENCY: ----- 5800 MHz
- PASSBANDS: ----- 0 TO 5790 MHz AND 5810 TO 8000 MHz
- PASSBAND VSWR: ----- 1.8:1 MAX
- INSERTION LOSS: ----- 2.0 dB MAX @ 0 TO 5780 MHz AND 5820 TO 8000 MHz  
3.0 dB MAX @ 5790 TO 5810 MHz
- REJECTION: ----- 10 dB MIN @ 5800 MHz
- CONNECTORS: ----- SMA FEMALE
- SIZE: ----- 3.9" x 0.9" x 1.2"  
(SIZE MAY VARY UPON COMPLETION)



## ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °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

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN		11/2/18	PRODUCT FEATURE BR5800M-10M-SFF			
REDRAWN						
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	PRELIMINARY	-
			SCALE	N:S	SHEET	1 OF 1