

## DESCRIPTION

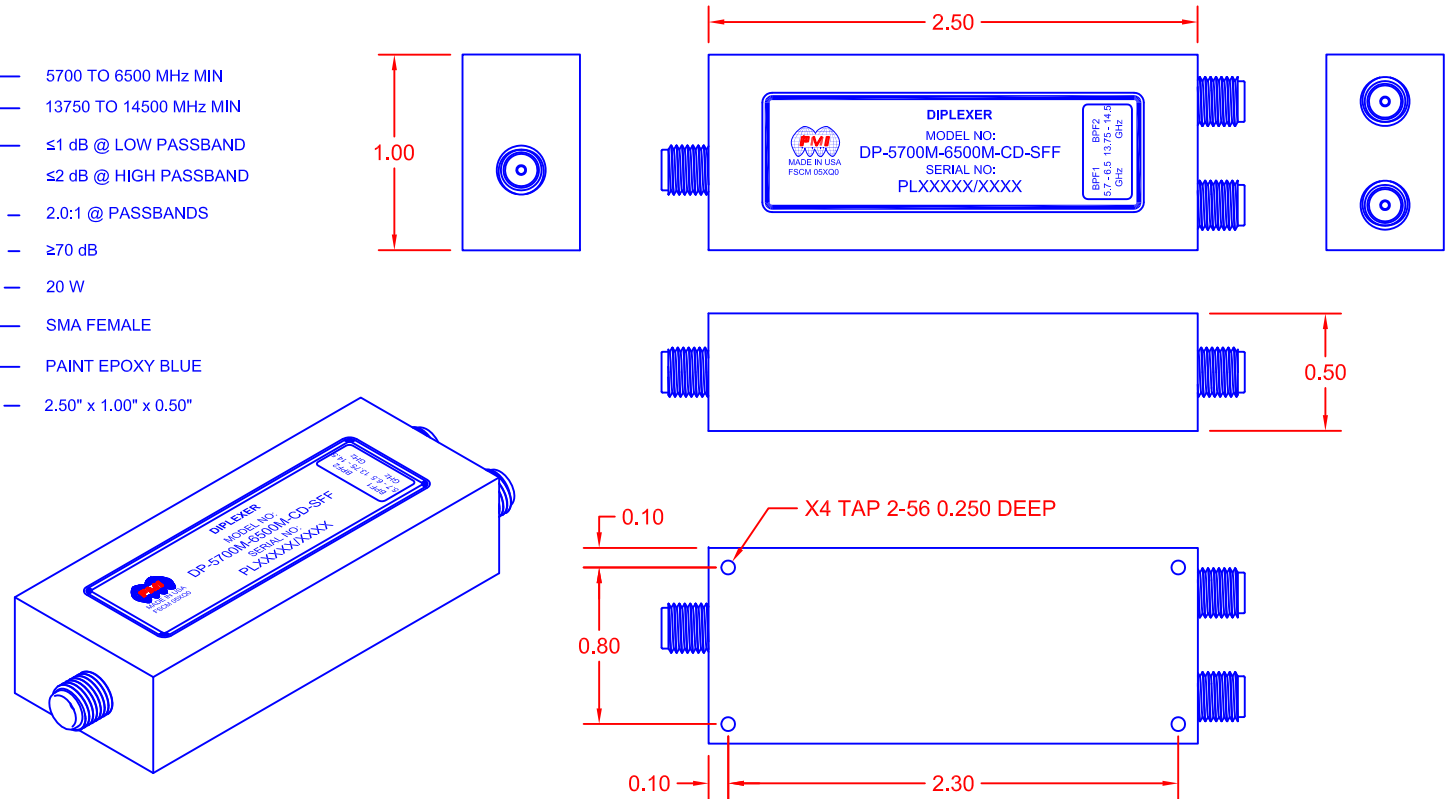
PMI MODEL: DP-5700M-6500M-CD-SFF IS A DIPLEXER WITH A LOW PASSBAND OF 5700 TO 6500 MHz AND HIGH PASS BAND OF 13750 TO 14500 MHz.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	10/20/15	
	A1	ECN # 16-0002	1/14/16	

## SPECIFICATIONS

- LOW PASSBAND: ————— 5700 TO 6500 MHz MIN
- HIGH PASSBAND: ————— 13750 TO 14500 MHz MIN
- PASSBAND INSERTION LOSS: ——— ≤1 dB @ LOW PASSBAND  
 ≤2 dB @ HIGH PASSBAND
- VSWR: ————— 2.0:1 @ PASSBANDS
- CHANNEL-TO-CHANNEL ISOLATION: — ≥70 dB
- POWER HANDLING: ————— 20 W
- CONNECTORS: ————— SMA FEMALE
- FINISH: ————— PAINT EPOXY BLUE
- SIZE: ————— 2.50" x 1.00" x 0.50"

## MECHANICAL OUTLINE



## ENVIRONMENTAL RATINGS

- TEMPERATURE: ————— 0 °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
- TEMPERATURE CYCLE: ————— MIL-STD-202F, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE  
 NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

**PMI CONFIDENTIAL AND PROPRIETARY**

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 ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>EJB</i>		10/20/15	PRODUCT FEATURE DP-5700M-6500M-CD-SFF DIPLEXER			
CHECKED			SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	27028361	A1
			SCALE	N:S	SHEET	1 OF 1