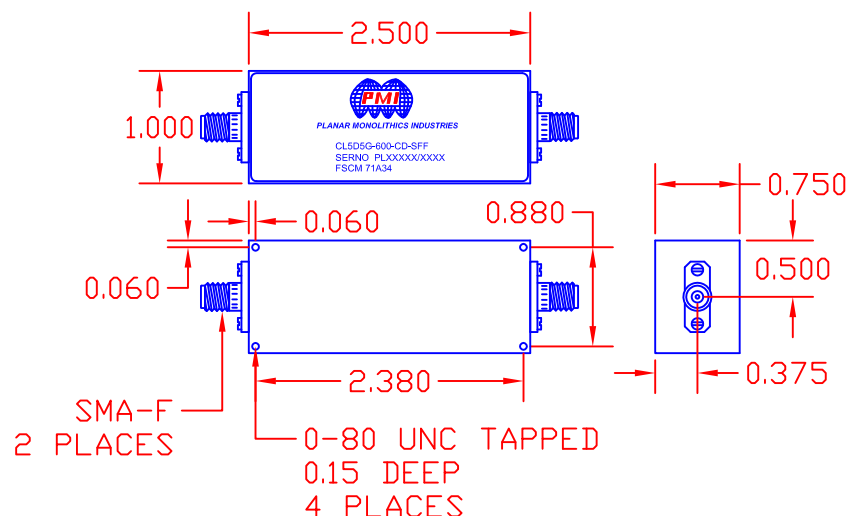


DESCRIPTION

PMI MODEL: CL5D5G-600-CD-SFF IS A COMBLINE BANDPASS FILTER CENTERED AT 5.5 GHz AND WITH A 600 MHz PASSBAND. THE FILTER FEATURES HIGH OUT OF BAND REJECTION AND LOW PASSBAND INSERTION LOSS. THE HOUSING IS EQUIPPED WITH SMA-F CONNECTORS.

SPECIFICATIONS

- * CENTER FREQUENCY:----- 5.5 GHz
- * 1 dB BANDWIDTH:----- 600 MHz
- * PASSBAND VSWR:----- 2.0:1 MAX
- * PASSBAND INSERTION LOSS:-- 1.0 dB MAX
- * ATTENUATION AT 4.0 GHz:----- 50 dB MIN
- * ATTENUATION AT 7.0 GHz:----- 50 dB MIN
- * POWER HANDLING:----- +40 dBm MAX
- * GROUP DELAY:----- 0.2 ns MAX
- * CONNECTORS:----- SMA-F
- * SIZE: ----- 2.5 X 1.0 X 0.75 INCHES
- * WEIGHT: ----- 1.5 OZ TYP



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
- * 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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	12/8/15	

MECHANICAL OUTLINE

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ISO 9001 CERTIFIED



APPROVALS DATE		TITLE PRODUCT FEATURE CL5D5G-600-CD-SFF			
DRAWN 	12/8/15	SIZE A	FSCM NO. 71A34	DWG NO. PRELIMINARY	REV. -
CHECKED 	12/9/15				
ISSUED					
		SCALE N:S			SHEET 1 OF 1