

DESCRIPTION

PMI MODEL NO. 7CL6850-700-CD-SFM IS A BAND PASS FILTER CENTERED AT 6850 MHZ. THE NOMINAL BANDWIDTH IS 700 MHZ.

SPECIFICATIONS

- CENTER FREQUENCY: ----- 6850 MHz
- BANDWIDTH: ----- 700 MHz
- INSERTION LOSS: ----- 1 dB
- VSWR: ----- 1.5:1
- REJECTION: ----- -40 dBc @ 6.22 GHz AND 7.55 GHz TYP
----- -65 dBc @ 5.73 GHz AND 7.97 GHz TYP
- CONNECTORS IN/OUT: ----- SMA FEMALE/SMA MALE
- FINISH: ----- PAINTED BLUE

ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -40 °C TO +85 °C (OPERATING)
----- -40 °C TO +100 °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

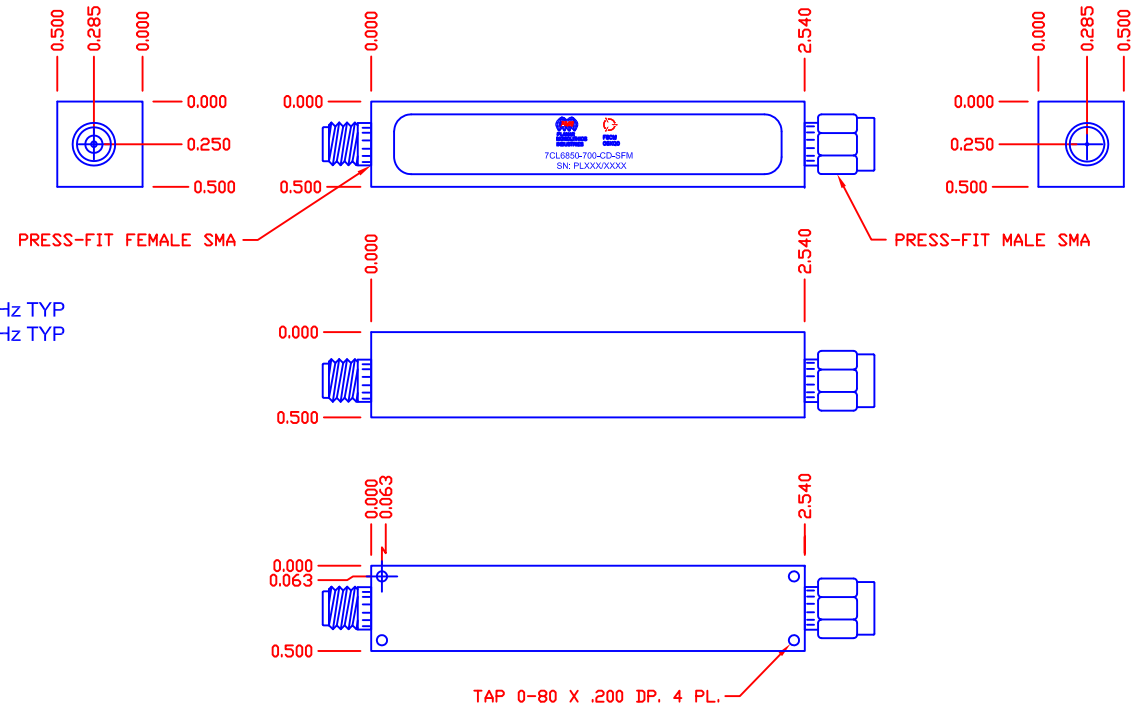
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

ALL DIMENSIONS
ARE IN INCHES [mm]
TOLERANCES:
X,XX ±0.020
X,XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	5/1/2019	

MECHANICAL OUTLINE



PLANAR MONOLITHICS INDUSTRIES, INC.

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE				REV.
DRAWN <i>DPD</i>		7/25/05	PRODUCT FEATURE 7CL6850-700-CD-SFM				-
REDRAWN <i>EW</i>		5/1/19	SIZE	FSCM NO.	DWG NO.	PRELIMINARY	
ISSUED			A	05XQ0			
			SCALE	N:S	SHEET	1 OF 1	