

**DESCRIPTION:**

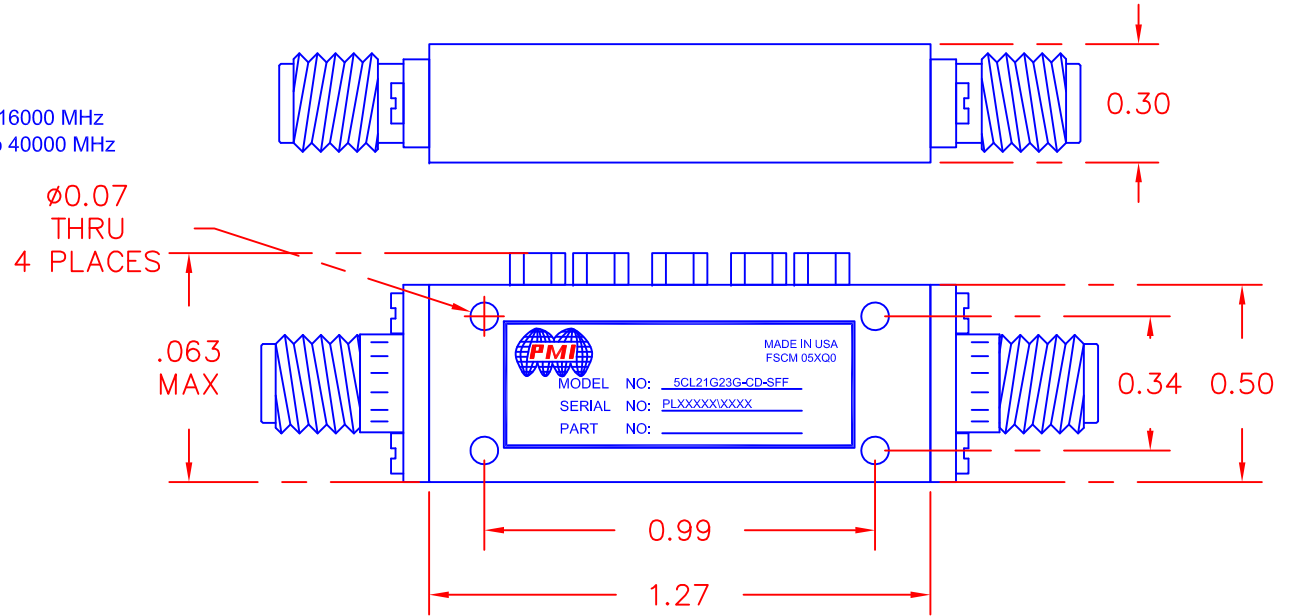
PMI MODEL NUMBER 5CL21G23G-CD-SFF IS A CAVITY BANDPASS FILTER OPERATING OVER THE 21.0 TO 23.0 GHz FREQUENCY RANGE.

**SPECIFICATIONS:**

- FREQUENCY RANGE: 21.0 TO 23.0 GHZ
- PASS BAND INSERTION LOSS: 1.5 dB MAXIMUM
- PASS BAND RIPPLE: 1.0 dB MAXIMUM
- PASS BAND RETURN LOSS: 12 dB MINIMUM
- REJECTION: 40 dB MINIMUM 6000 to 16000 MHz  
40 dB MINIMUM 32000 to 40000 MHz
- GROUP DELAY: TBD
- INPUT POWER: 10 W MAXIMUM
- CONNECTORS: SMA (F)
- FINISH: PAINTED BLUE

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	8/8/17	

**MECHANICAL OUTLINE**



PMI CONFIDENTIAL AND PROPRIETARY

**ENVIRONMENTAL RATINGS**

- TEMPERATURE: -40°C TO +70°C (OPERATING)  
-55°C TO +85°C (STORAGE)
- ALTITUDE: 60,000 FT 1.0 psi MIN
- HUMIDITY: 95% RH @ 40°C
- SHOCK: 20G FOR 11msec HALF SINE WAVE, 3 AXIS  
BOTH DIRECTIONS

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>EMF</i>		8/8/17	PRODUCT FEATURE			
CHECKED			5CL21G23G-CD-SFF			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	PRELIMINARY	-
			SCALE	SHEET		1 OF 1
			N:S			