

DESCRIPTION

PMI MODEL: 11CL5D3G-1200-CD-SFF IS A PASSBAND FILTER WITH A CENTER FREQUENCY OF 5.3 GHz AND A NOMINAL BANDWIDTH OF 1200 MHz. THIS FILTER HAS A VSWR OF 1.5:1 MAXIMUM, INSERTION LOSS OF 1.0 dB MAXIMUM, AND 40 dB REJECTION MINIMUM.

SPECIFICATIONS

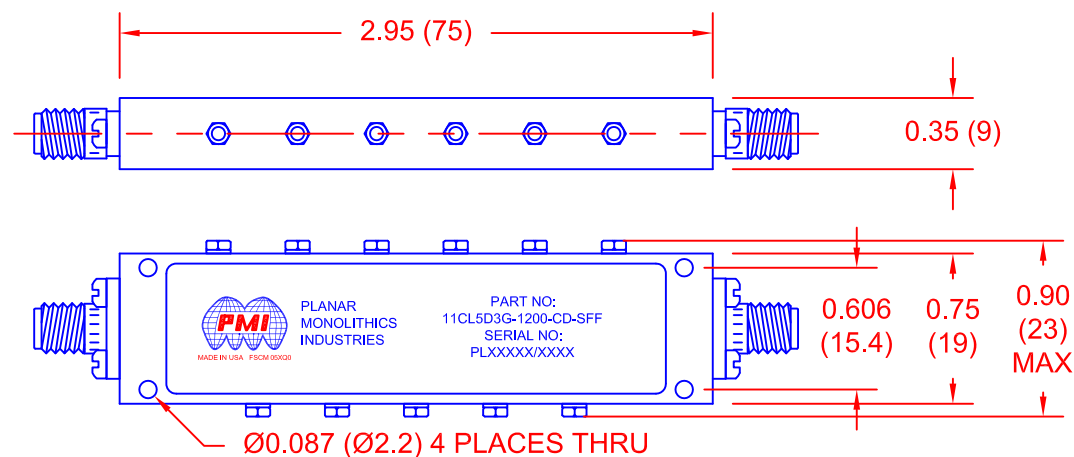
- CENTER FREQUENCY: ----- 5.3 GHz
- PASSBAND FREQUENCY: ----- 4.7 TO 5.9 GHz
- INSERTION LOSS: ----- 1.0 dB MAXIMUM
- VSWR: ----- 1.5:1 MAXIMUM
- REJECTION: ----- 40 dB @ DC TO 4.4 GHz MINIMUM
- IMPEDANCE: ----- 50 Ω
- POWER HANDLING: ----- 20 W MAXIMUM
- CONNECTORS: ----- SMA FEMALE
- SIZE*: ----- (L) 2.95" x (W) 0.35" x (H) 0.75"
- FINISH: ----- BLUE EPOXY POLIMIDE COATING IAW MIL-C-22750, TYPE I OVER EPOXY POLIMIDE PRIMER IAW MIL-P-23377, TYPE I, CLASS 1 OR 3.

*SIZE MAY VARY. DIMENSIONS GIVEN ARE APPROXIMATES BASE ON SIMULATION



MECHANICAL OUTLINE

SIZE IS APPROXIMATE, TBD



ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -40 °C TO +80 °C (OPERATING)
- 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	11/05/15	DD

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN		M. Berry		11/05/15	
CHECKED					
ISSUED					
SIZE	A	FSCM NO.	05XQ0	DWG NO.	PRELIMINARY
SCALE	N:S			SHEET	1 OF 1