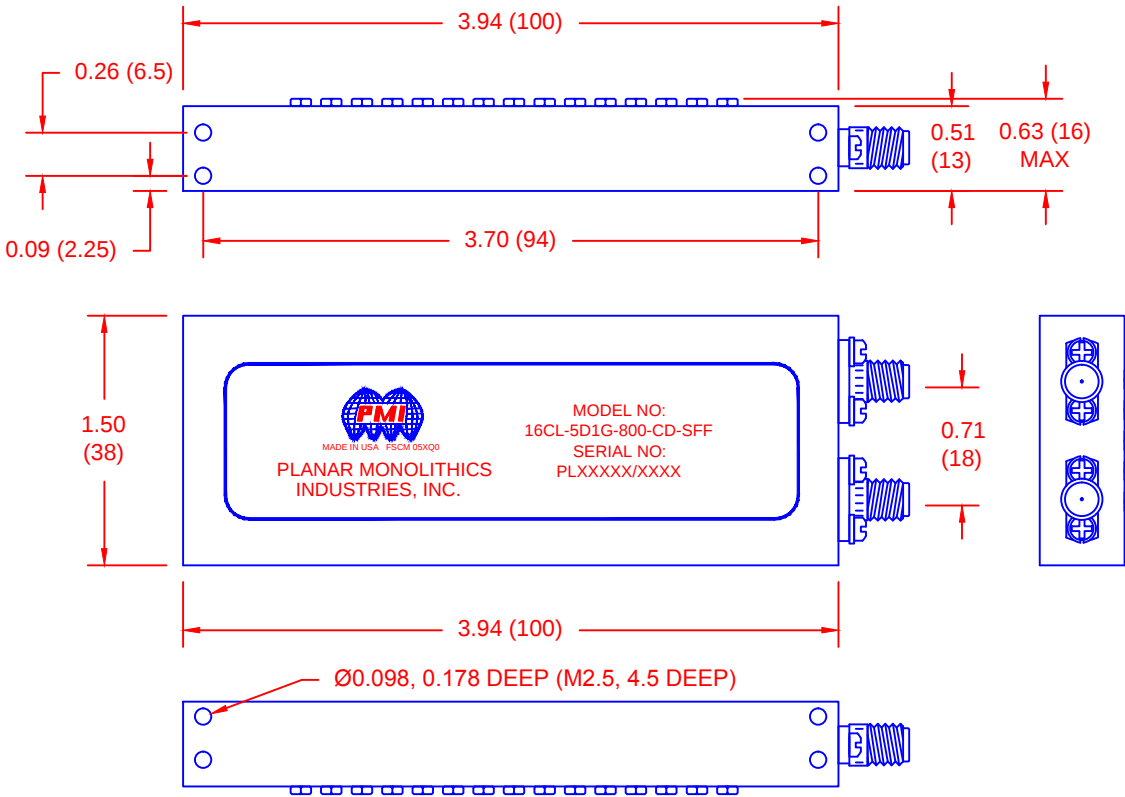


DESCRIPTION

PMI MODEL NO. 16CL-5D1G-800-CD-SFF IS A 16 POLE FILTER CENTERED AT 5.1 GHz WITH A BANDWIDTH OF 800 MHz.

SPECIFICATIONS

- FREQUENCY RANGE (0.5 dB BW): 5.1 GHz ± 400 MHz
- RIPPLE: 0.5 dB TYP
- VSWR: 1.5:1 MAX
- RF CONNECTORS: SMA FEMALE
- SIZE: 3.20"[L] X 1.05"[W] X 0.50"[H]
- 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.
- ELECTRICAL SPECIFICATIONS TO BE DESIGNED TO MEET S-PARAMETER PERFORMANCE ON PAGE 2 OF 2



ENVIRONMENTAL RATINGS

- TEMPERATURE: -55 °C TO +85 °C (OPERATING)
-65 °C TO +100 °C (STORAGE)
- HUMIDITY: MIL-STD-202, METHOD 103B COND. B
- SHOCK: MIL-STD-202, METHOD 213B 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

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

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	10/14/15	

PLANAR MONOLITHICS INDUSTRIES, INC.
7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: (301)-662-5019, FAX: (301)-662-1731
WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN <i>M. Berry</i>		10/14/15	PRODUCT FEATURE 16CL-5D1G-800-CD-SFF		
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27028412
ISSUED			SCALE N:S		SHEET 1 OF 2

DESCRIPTION

PMI MODEL NO. 16CL-5D1G-800-CD-SFF IS A 16 POLE FILTER CENTERED AT 5.1 GHz WITH A BANDWIDTH OF 800 MHz.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	10/14/15	

S-PARAMETER PERFORMANCE



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ARE IN INCHES (mm)
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X.XX ±0.020
X.XXX ±0.010

PMI CONFIDENTIAL AND PROPRIETARY

APPROVALS		DATE		TITLE			
DRAWN		M. Berry		10/14/15		PRODUCT FEATURE	
CHECKED						16CL-5D1G-800-CD-SFF	
ISSUED							
SIZE	A	FSCM NO.	05XQ0	DWG NO.	27028412	REV.	1
SCALE	N:S					SHEET	2 OF 2