

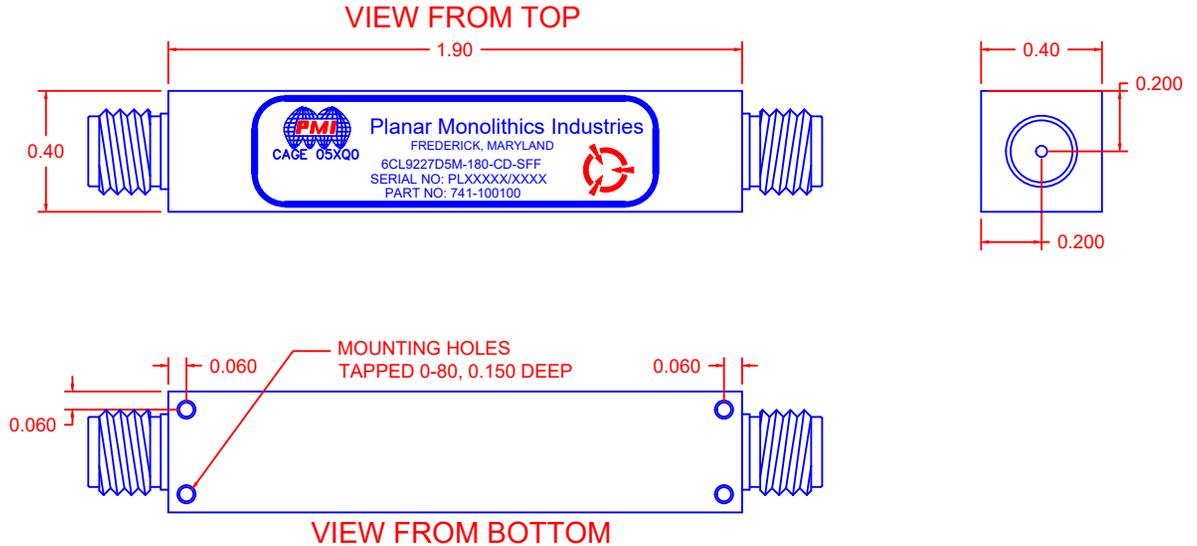
DESCRIPTION:

PMI model number 6CL9227D5M-180-CD-SFF is a Combine filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

SPECIFICATIONS:

- CENTER FREQUENCY: 9227.5 MHz NOM.
- 3dB BANDWIDTH: 180 MHz TYP.
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (Fo): 1 dB TYP.
- PHASE LINEARITY (9207.5 TO 9247.5 MHz): .. +/- 3.2 ° TYP.
- REJECTION -60 dB Nominal: 8823.5 MHz
- REJECTION -60 dB Nominal: 9671.5 MHz
- IMPEDANCE (SOURCE LOAD): 50 Ω NOM.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	5/29/09	
	B1	CHANGED LABEL	3/14/11	
	B2	ECN # 13-0034	5/7/13	



- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE 1.90" (L) x 0.40" (W) x 0.40" (H)
- WEIGHT 1 OZ. TYP.
- FINISH: GRAY EPOXY POLIMIDE COATING IAW MIL-C-22750, TYPE I OVER EPOXY POLIMIDE PRIMER IAW MIL-P-23377, TYPE I, CLASS 1 OR 3.

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
- SALT FOG: MIL-STD-202F, METHOD 107D COND. A
- FUNGUS: MIL-STD-810C, METHOD 508.2
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107

PMI CONFIDENTIAL AND PROPRIETARY

PLANAR MONOLITHICS INDUSTRIES, INC.

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 ISO 9001 CERTIFIED



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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

APPROVALS		DATE	TITLE		
S. PALACIO		5/29/09	PRODUCT FEATURE 6CL9227D5M-180-CD-SFF		
SIZE	FSCM NO.	DWG NO.	REV.		
A	05XQ0	27011061-B	B2		
SCALE				SHEET	1 OF 1