DESCRIPTION:

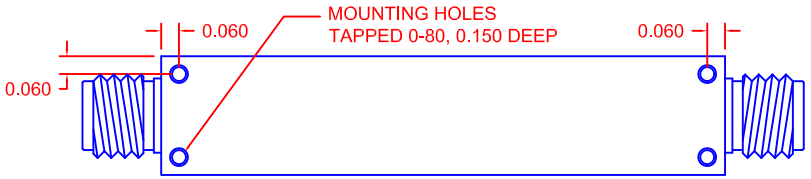
PMI model number 6CL9227D5M-180-CD-SFF is a Combline filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

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	

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.

VIEW FROM TOP



VIEW FROM BOTTOM

- CONNECTORS: ..... SMA FEMALE CONNECTORS
- SIZE ..... 1.90" (L) x 0.40" (W) x 0.40" (H)
- WEIGHT ..... 1 OZ. TYP.
- FINISH: ..... GRAY EPOXY PAINT

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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001:2008 CERTIFIED

APPROVALS	DATE
S. PALACIO	5/29/09

TITLE: PRODUCT FEATURE
6CL9227D5M-180-CD-SFF

SIZE	FSCM NO.	DWG NO.	REV.
A	05XQ0	27011061	B2

SCALE | SHEET 1 OF 1