

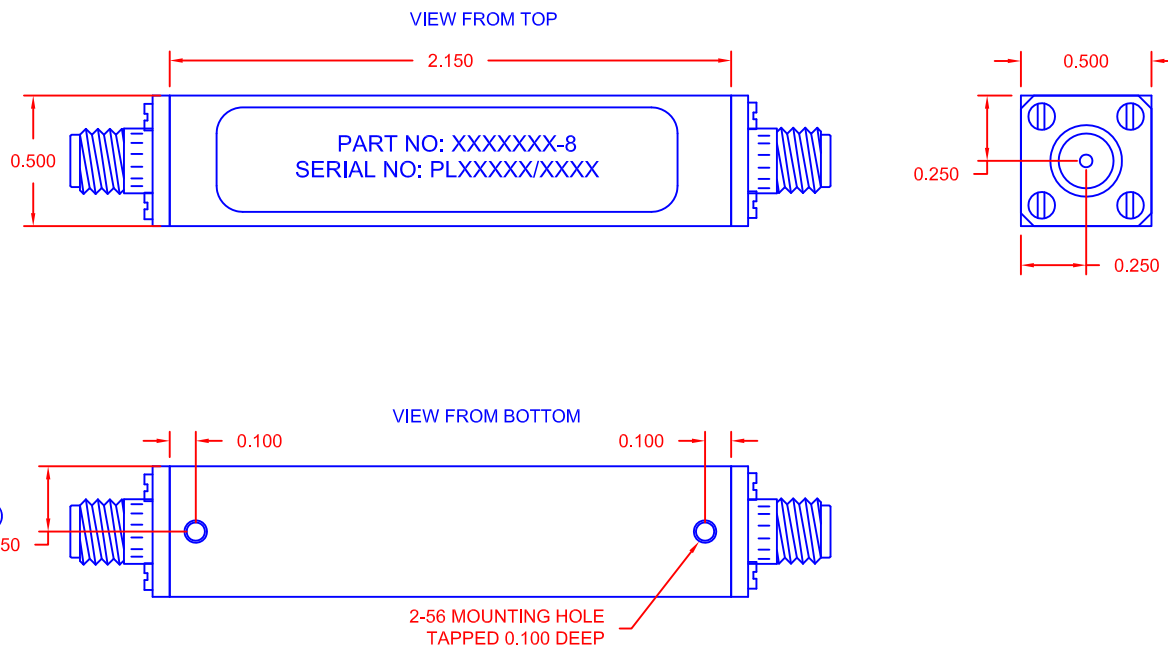
DESCRIPTION:

PMI model number 7CL8D7G-960-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.

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A1	ORIGINAL RELEASE	11/14/08
	A2	ECN # 14-0106	7/18/14

SPECIFICATIONS:

- CENTER FREQUENCY: 8700 MHz Nom.
- 3dB BANDWIDTH: 960 MHz Min.
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) 5 dB MAX.
- LOSS RIPPLE (PEAK TO PEAK) 0.5 dB MAX
- REJECTION -70 dB: DC - 6800 MHz
- REJECTION -70 dB: 10980 MHz
- REJECTION -70 dB: 12800 MHz
- REJECTION -50 dB: 7400 MHz
- REJECTION -50 dB: 13500 - 16000 MHz
- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE 2.15" (L) x 0.500" (W) x 0.500" (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.



PMI CONFIDENTIAL AND PROPRIETARY

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

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APPROVALS		DATE		TITLE			
DRAWN <i>S. PALAECIO</i>		11/14/08		PRODUCT FEATURE 7CL8D7G-960-CD-SFF			
CHECKED				SIZE A	FSCM NO. 05XQ0	DWG NO. 27009783	REV. A2
ISSUED				SCALE N: S		SHEET 1 OF 1	