

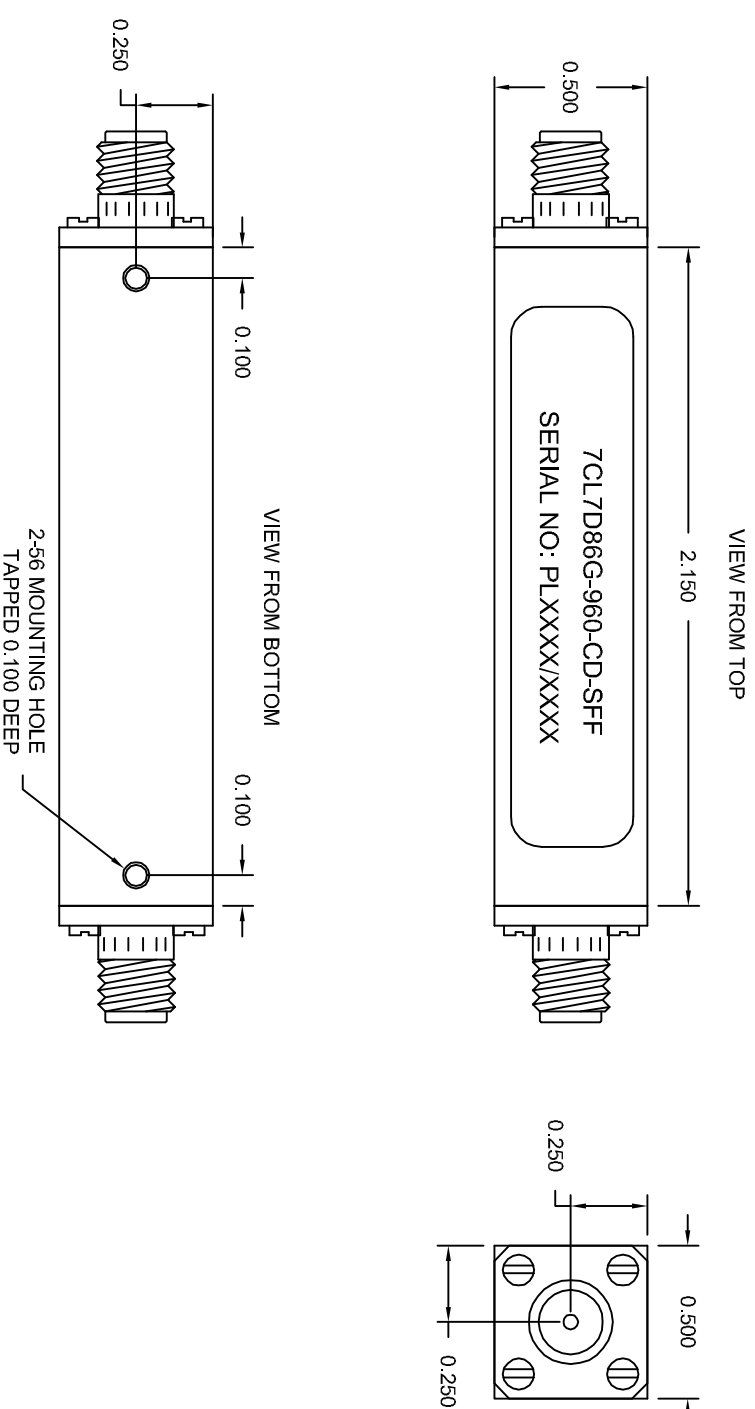
DESCRIPTION:

PMI model number 7CL7D86G-960-CD-SFFF 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			DATE	APPROVED
ZONE	REV.	DESCRIPTION		
A		ORIGINAL RELEASE	11/14/08	

SPECIFICATIONS:

- CENTER FREQUENCY: 7860 MHz Nom.
- 3dB BANDWIDTH: 960 MHz Min.
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): 5 dB MAX.
- REJECTION 70 dB: DC - 6000 MHz
- REJECTION 70 dB: 10140 MHz
- REJECTION 70 dB: 11940 MHz
- REJECTION 50 dB: 6540 MHz
- REJECTION 50 dB: 12500 - 16000 MHz



- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 2.15" (L) x 0.500" (W) x 0.500" (H)
- WEIGHT: 1 OZ. TYP.

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 ±0.010
X.XXX ±0.005

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PART NO.		TITLE		PLANAR MONOLITHICS INDUSTRIES 5715 INDUSTRY LANE UNIT 11 FREDERICK, MARYLAND	
APPROVALS	DATE	PRODUCT FEATURE 7CL7D86G-CD-SFF		DWG NO.	27009902
DRAWN <i>J. P. J. J. J. J.</i>	11/14/08	SIZE	A	SCALE	N/S
CHECKED		FSCM NO.	1QJWO	SHEET	1 of 1
ISSUED		REV.	A		