

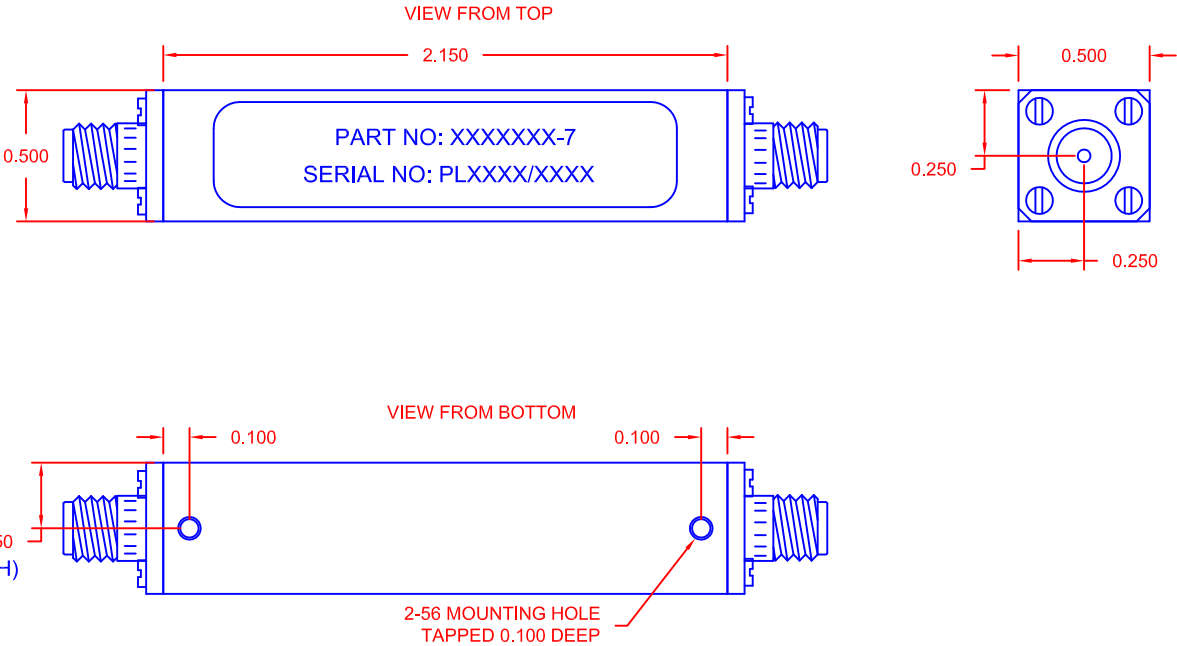
DESCRIPTION:

PMI model number 7CL7D86G-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	APPROVED
	A	ORIGINAL RELEASE	11/14/08	
	A2	ECN # 20-0220	10/29/18	

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.
- 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

CONFIDENTIAL AND PROPRIETARY

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005

PART NO.		 PLANAR MONOLITHICS INDUSTRIES 5715 INDUSTRY LANE UNIT 11 FREDERICK, MARYLAND	
APPROVALS		DATE	TITLE
DRAWN <i>S. PALAJO</i>		11/14/08	PRODUCT FEATURE 7CL7D86G-960-CD-SFF
CHECKED			
ISSUED			
SIZE A	FSCM NO. 1QJWO	DWG NO. 27009902	REV. A2
SCALE N/S			SHEET 1 of 1