

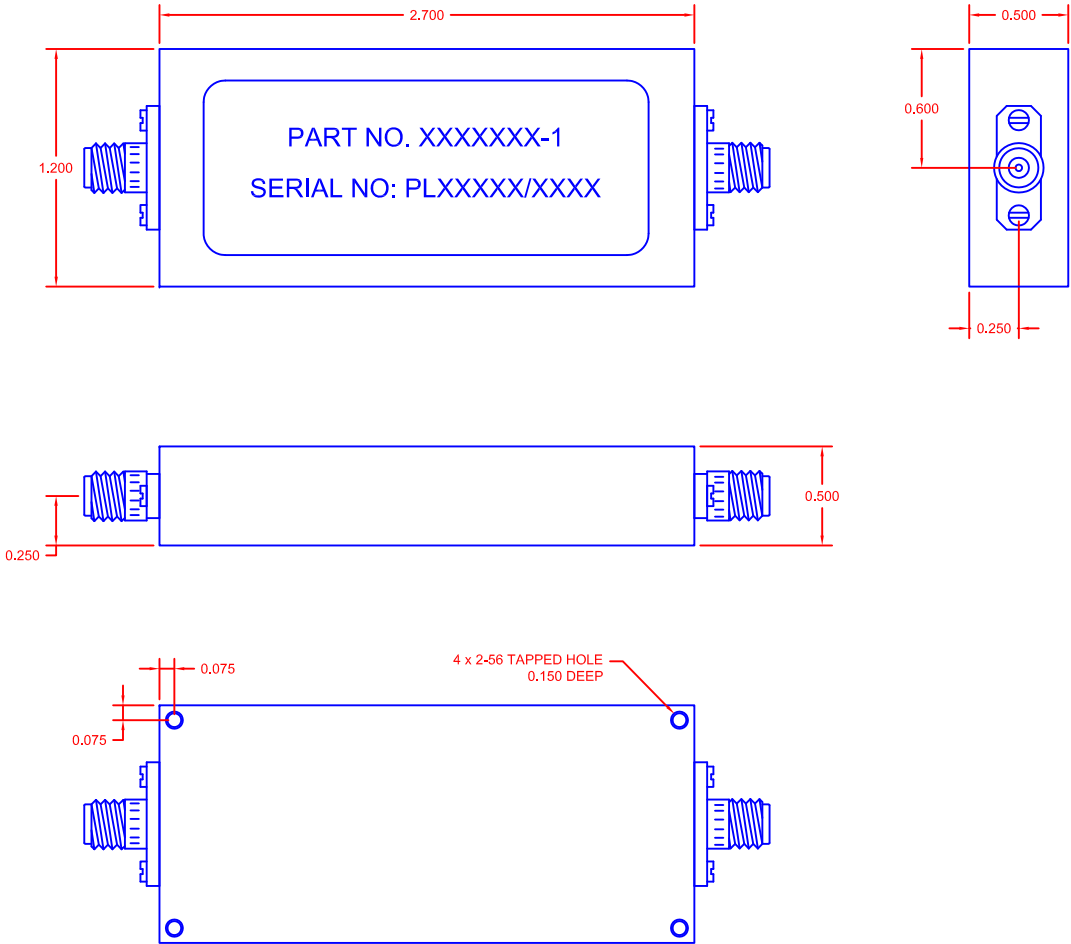
DESCRIPTION:

PMI model number 8CL1980-40-CD-SFF is a Comblne Bandpass 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	11/19/08	
	A2	ECN # 14-0099	07/14/14	

SPECIFICATIONS:

- CENTER FREQUENCY: 1980 MHz Nom.
- 3dB BANDWIDTH: 40 MHz Min.
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) 7 dB MAX.
- LOSS RIPPLE (PEAK TO PEAK) 0.5 dB Max.
- REJECTION -60 dB DC - 1920 MHz
- REJECTION -60 dB 2040 - 4000 MHz
- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE 2.70" (L) x 1.20" (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

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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

PART NO.		 PLANAR MONOLITHICS INDUSTRIES 7311-F GROVE ROAD FREDERICK, MARYLAND 21704 USA TEL: 301-662-5019 FAX: 301-662-1731 WEBSITE: www.pmi-hf.com E-MAIL: sales@pmi-hf.com ISO 9001 CERTIFIED		
APPROVALS		DATE	TITLE	
DRAWN S. PALACIO		12/17/01	PRODUCT FEATURE 8CL1980-40-CD-SFF	
CHECKED				
ISSUED				
			SIZE A	FSCM NO. 05XQ0
			DWG NO. 27009584	REV. A2
			SCALE N/S	SHEET 1 of 1