

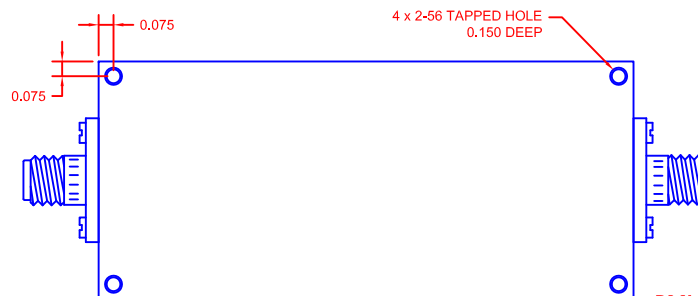
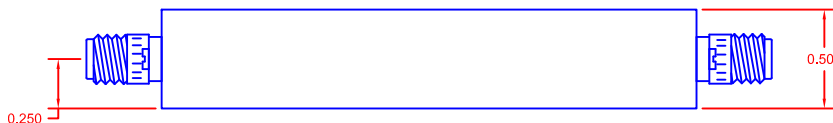
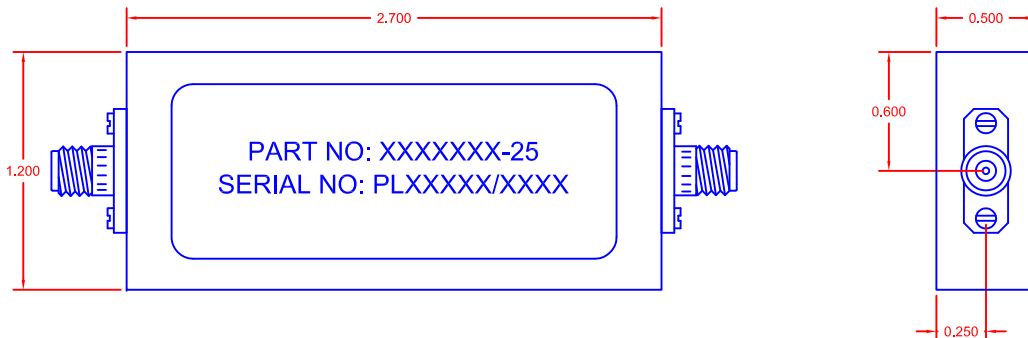
**DESCRIPTION:**

PMI model number 7CL1500-60-CD-SFF is a Comblaine 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	11/14/08	
	A2	ECN # 14-0110	7/21/14	

**SPECIFICATIONS:**

- CENTER FREQUENCY: 1500 MHz Nom.
- 3dB BANDWIDTH: 60 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 - 1380 MHz
- REJECTION -60 dB: 1620 - 3000 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.



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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 ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN <i>S. PALACIO</i>		11/14/08	PRODUCT FEATURE 7CL1500-60-CD-SFF			
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27009644	REV. A2
ISSUED			SCALE N:S		SHEET 1 OF 1	