

**DESCRIPTION:**

PMI MODEL NUMBER 7CL8250-500-CD-SS IS A COMBLINE BANDPASS FILTER WITH SMA FEMALE CONNECTORS IN AND OUT. ALL FILTERS WILL BE MACHINED AND SILVER PLATED TO PROVIDE THE HIGHEST POSSIBLE Q

**SPECIFICATIONS:**

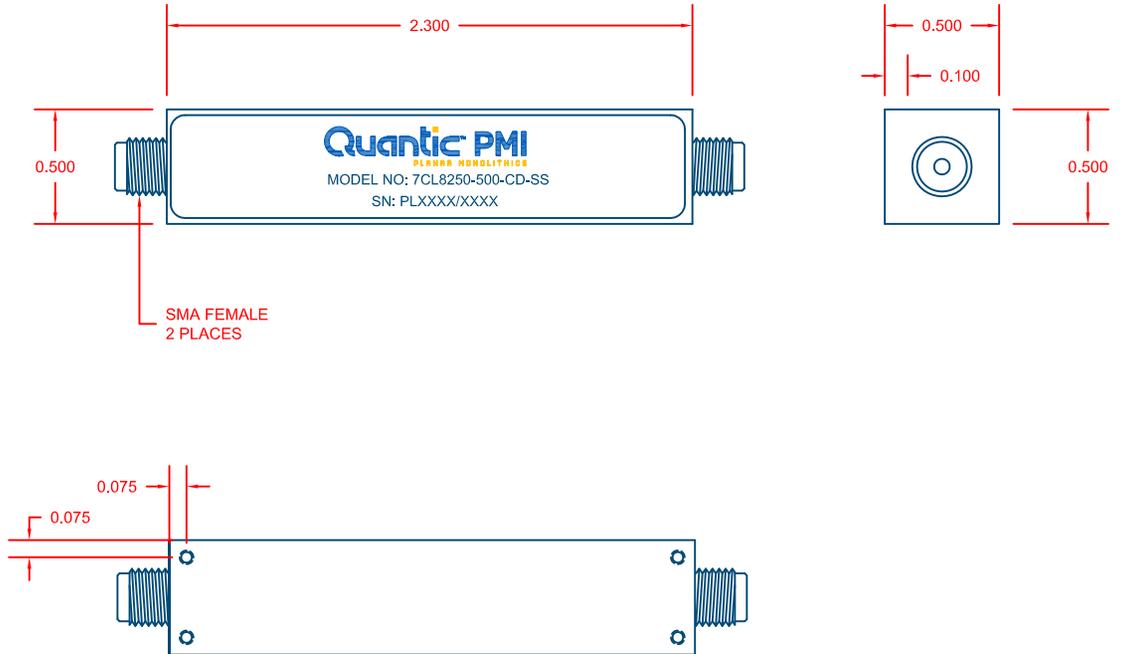
- CENTER FREQUENCY: 8250 MHz
- 1dB BANDWIDTH: 500 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): 0.8 dB MAX.
- REJECTION FROM 7.25 TO 7.75 GHz: 32 dB TYP.

- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 2.30" (L) x 0.50" (W) x 0.50" (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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	9/09/00	



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

**PMI CONFIDENTIAL AND PROPRIETARY**

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN <i>S. PALAJO</i>		9/09/00	OUTLINE 7CL8250-500-CD-SS		
REDRAWN			SIZE A	FSCM NO. 05XQ0	DWG NO. 27010480
ISSUED			SCALE N:S		REV. A1
				SHEET	1 OF 1

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION