

DESCRIPTION

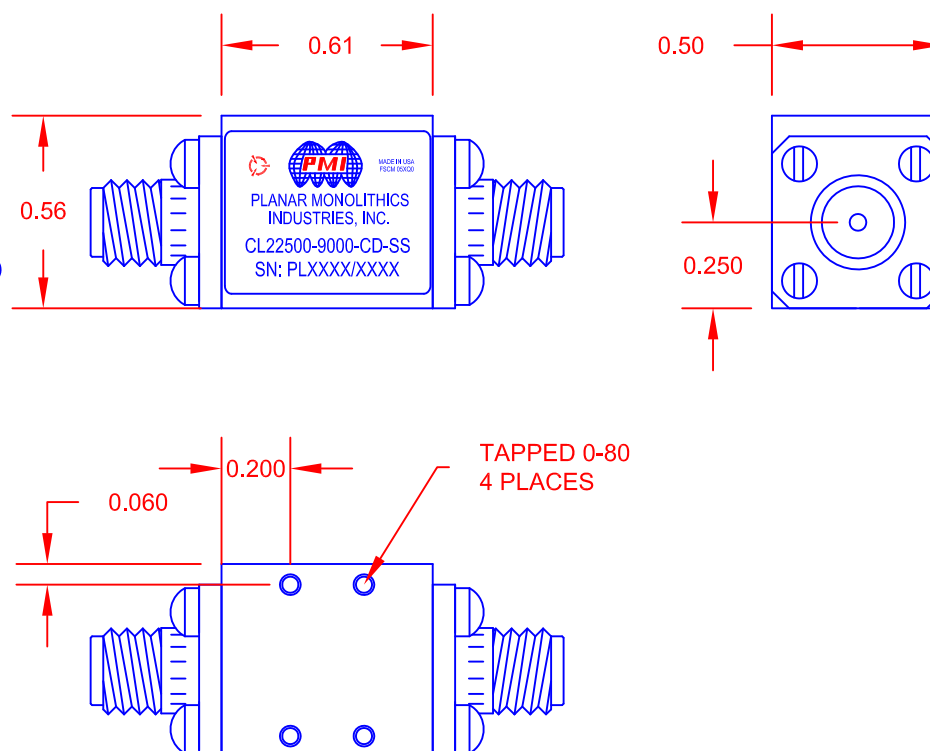
PMI MODEL NUMBER CL22500-9000-CD-SS IS A HIGH PASS FILTER WITH SMA FEMALE CONNECTORS IN AND OUT. ALL FILTERS WILL BE MACHINED AND SILVER PLATED TO PROVIDE THE HIGHEST POSSIBLE Q.

SPECIFICATIONS:

- PASSBAND · · · · · 18 GHz TO 35 GHz
- 3dB CUTOFF · · · · · 17.2 GHz
- VSWR IN THE PASS BAND: · · · · · 2.0:1 MAX.
- INSERTION LOSS (PASSBAND) · · · · · 1.5 dB MAX.
- REJECTION @ 10 GHz: · · · · · -54 dB
- CONNECTORS: · · · · · SMA FEMALE CONNECTORS
- SIZE · · · · · 0.614" (L) x 0.500" (W) x 0.560" (H)
- WEIGHT · · · · · 1 OZ. TYP.
- FINISH: · · · · · BLUE EPOXY POLIMIDE COATING IAW MIL-C-22750, TYPE I OVER EPOXY POLIMIDE PRIMER IAW MIL-P-23377, TYPE I, CLASS 1 OR 3.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	10/22/08	
	A2	ECN # 13-0064	6/14/13	
	A3	ECN # 17-0010	02/01/17	

MECHANICAL OUTLINE



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: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN			PRODUCT FEATURE CL22500-9000-CD-SS			
S. PALACIO		09/01/01				
CHECKED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	27009564	A3
ISSUED			SCALE	N:S	SHEET	1 OF 1