

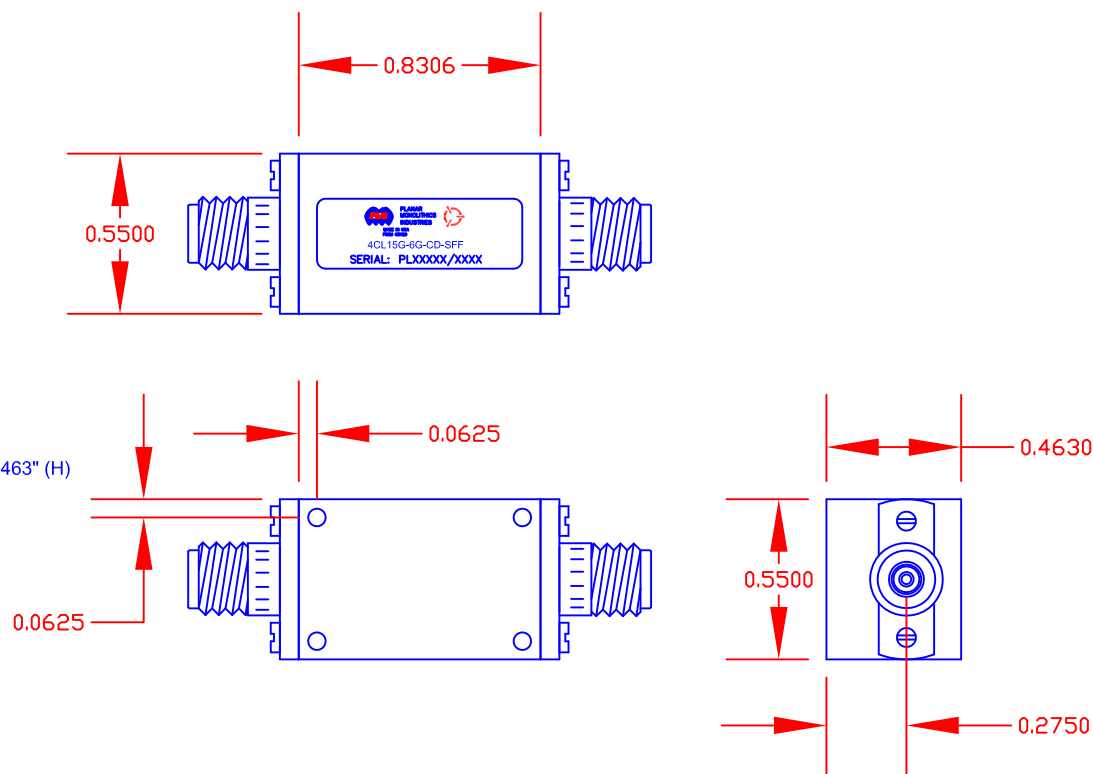
DESCRIPTION:

PMI model number 4CL15G-6G-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
	—	ORIGINAL RELEASE	4/22/05	

SPECIFICATIONS:


- CENTER FREQUENCY: · · · · · 15000 MHz
- PASSBAND · · · · · 6000 MHz
- VSWR IN THE PASS BAND: · · · · · 1.5:1 TYP. MAX.
- INSERTION LOSS (PASSBAND) · · · · · <= 1 dB MAX.
- RESPONSE · · · · · 4 POLE CHEBYSHEV
- IMPEDANCE · · · · · 50 OHMS
- CONNECTORS: · · · · · SMA-FEMALE
- SIZE · · · · · .805" (L) x .478" (W) x .463" (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

CONFIDENTIAL AND PROPRIETARY

PART NO. 27001053		 PLANAR MONOLITHICS INDUSTRIES 7311-F GROVE RD FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN <i>P. Shockey</i>	4/24/05	PRODUCT FEATURE 4CL15G-6G-CD-SFF	
CHECKED			
ISSUED		SIZE A	FSCM NO. 1QJWO
		DWG NO. 27001053	REV. —
SCALE N/S		SHEET 1 of 1	

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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION