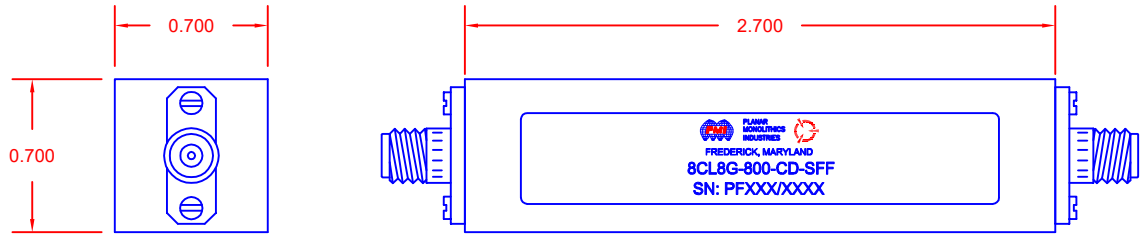
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	–	ORIGINAL RELEASE	8/16/04	

DESCRIPTION:

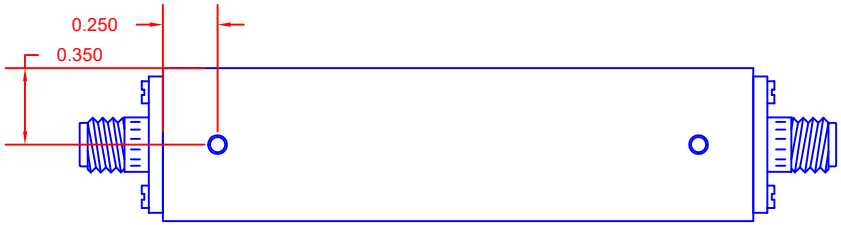
PMI model number 8CL8G-800-CD-SFF is a Combline Bandpass filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

SPECIFICATIONS:

- CENTER FREQUENCY: · · · · · 8000 MHz
- 1dB BANDWIDTH: · · · · · · 1000 MHz
- VSWR IN THE PASS BAND: · · · 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) · · · < 1 dB MAX.
- REJECTION 8 SECTION RESPONSE



- CONNECTORS: · · · · · · SMA FEMALE CONNECTORS
- SIZE · · · · · · · · · 2.70" (L) x 0.70" (W) x 0.70" (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

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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO. 27300290	
APPROVALS	DATE
DRAWN S PALACIO	8/16/04
CHECKED	
ISSUED	

PLANAR MONOLITHICS INDUSTRIES
7311-F GROVE RD
FREDERICK, MARYLAND

TITLE
OUTLINE DRAWING
8CL8G-800-CD-SFF

SIZE	FSCM NO.	DWG NO.	REV.
A	1QJW0	27300290	–
SCALE N/A		SHEET 1 OF 1	