DESCRIPTION:

connectors in and out. All filters will be machined and silver plated to provide the highest possible Q. PFC model number 5CL6D8G-100-CD-SMM is a Combline filter with SMA male

	1/20/10	UPDATE	⊳	
	6/20/00	ORIGINAL RELEASE	I	
APPROVED	DATE	DESCRIPTION	ZONE REV.	ZONE
		REVISIONS		

SPECIFICATIONS:

 CENTER FREQUENCY. 6.8 GHz

3dB BANDWIDTH: 100 MHz

 VSWR IN THE PASS BAND: 1.5.1 MAX

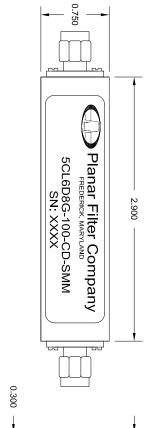
INSERTION LOSS (PASSBAND)

<= -4 dB MAX.

REJECTION @ 6.92 GHz. -30 dB

 REJECTION @ 6.69 GHz REJECTION @ 6.989 GHz: -30 dB -50 dB

 REJECTION @ 6.603 GHz. -50 dB



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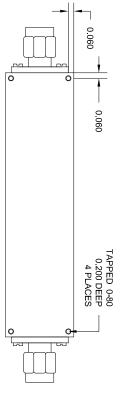
0.600

0.375

CONNECTORS SMA MALE CONNECTORS

2.90" (L) x 0.60" (W) x 0.75" (H)

WEIGHT



ENVIRONMENTAL RATINGS:

TEMPERATURE: -55°C TO +85°C (OPERATING) -65°C TO +125°C (STORAGE)

HUMIDITY: SHOCK MIL-STD-202F, METHOD 213B COND. B MIL-STD-202F, METHOD 103B COND. B

VIBRATION: MIL-STD-202F, METHOD 204D COND. B

 SALT FOG: ALTITUDE: MIL-STD-202F, METHOD 107D COND. A MIL-STD-202F, METHOD 105C COND. B

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

PART NO.		Planar Filter Company	ilter C ompany
		7311G Grove R	7311G Grove Road, Fredrick, Maryland
APPROVALS	DATE	חורפ	
S. PALACIO 6/20/00	6/20/00	л О О О О О О О О О О О О О О О О О О О	OUTLINE DRAWING
CHECKED			U C C C C C C C C C C C C C C C C C C C
ISSUED		SIZE FSCM NO.	DWG NO.
		A 1QJWO	155-0389
		SCALE N/A	SHEET 1 OF

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION