

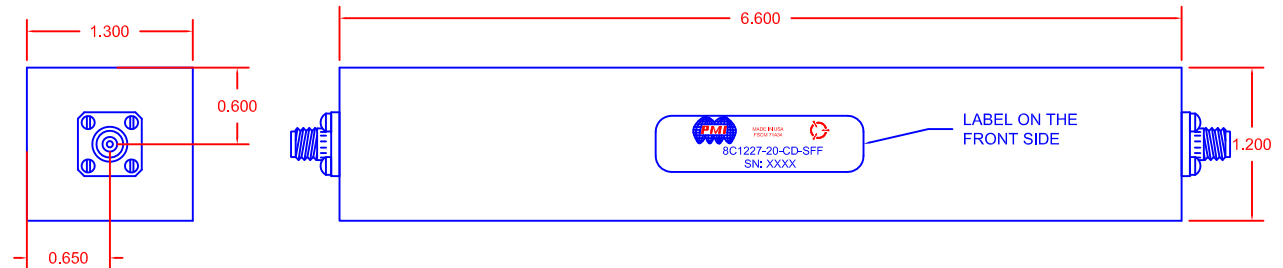
DESCRIPTION:

PFC model number 8C1227-20-CD-SFF is a Cavity filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

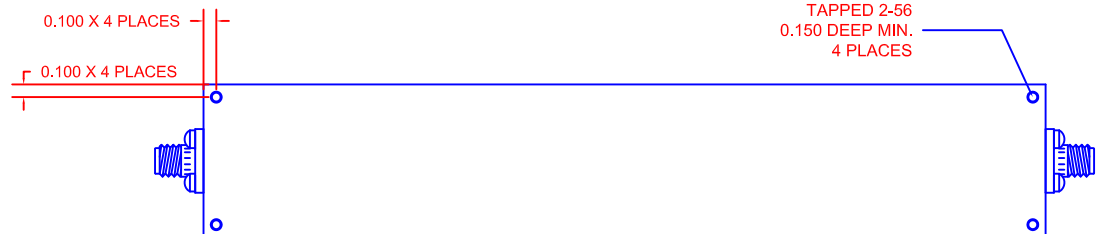
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	ORIGINAL RELEASE	1/21/03	

SPECIFICATIONS:

- CENTER FREQUENCY: · · · · · 1227 MHz
- 3dB BANDWIDTH: · · · · · 20 MHz
- VSWR IN THE PASS BAND: · · · · · 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) · · · · · 2 dB MAX.
- REJECTION 8 POLE RESPONSE



- **CONNECTORS:** : SMA FEMALE CONNECTORS
- **SIZE** : 6.60" (L) x 1.20" (W) x 1.30" (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

PART NO. 155-1595		 PLANAR MONOLITHICS INDUSTRIES, INC. 7311-F GROVE ROAD, FREDERICK, MARYLAND 21704 USA			
APPROVALS	DATE	TITLE OUTLINE DRAWING 8C1227-20-CD-SFF			
DRAWN S. PALACIO	1/21/03				
CHECKED					
ISSUED					
		SIZE A	FSCM NO. 1QJWO	DWG NO. 155-1595	REV. -
		SCALE N/A		SHEET 1 OF 1	

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION