

DESCRIPTION:

PML model number 5CL9D18G-180-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
	A	ORIGINAL RELEASE	11/14/08

SPECIFICATIONS:

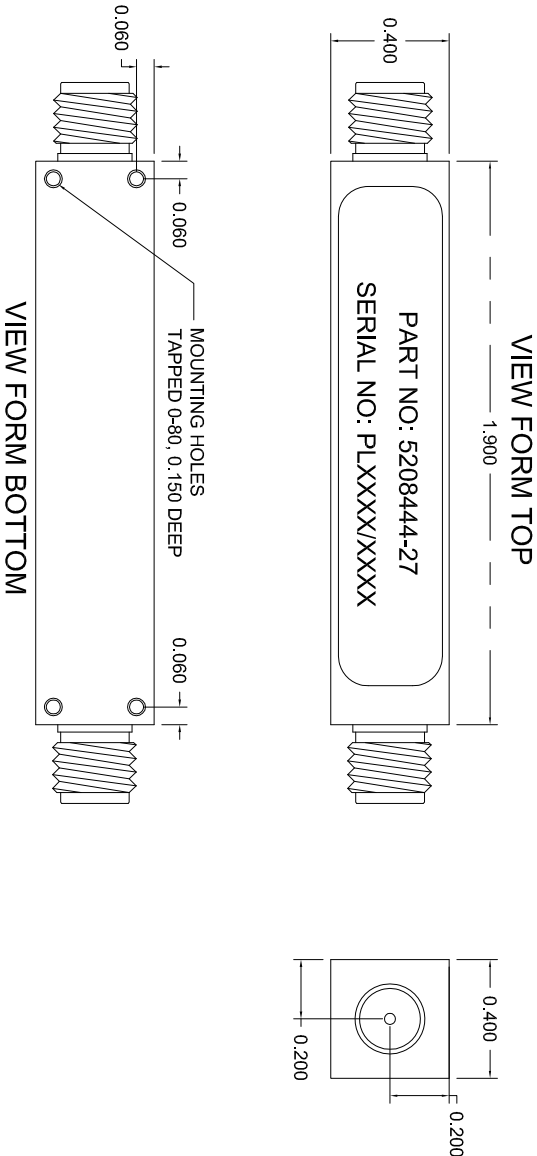
- CENTER FREQUENCY: 9180 MHz Nom.
- 3dB BANDWIDTH: 180 MHz Min.
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) 4 dB MAX.
- REJECTION -70 dB: DC - 7000 MHz
- REJECTION -60 dB: 7800 MHz
- REJECTION -60 dB: 10560 - 11940 MHz
- REJECTION -50 dB: 12000 - 15000 MHz

- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE: 1.90" (L) x 0.40" (W) x 0.40" (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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION



CONFIDENTIAL AND PROPRIETARY

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

PART NO.		TITLE	
APPROVALS		DATE	
DRAWN J. GAGLIARDI		11/14/08	
CHECKED			
ISSUED			
SIZE A	FSQM NO. 05XQ0	DWG NO. 27009843	REV. A
SCALE N/S			
SHEET 1 of 1			

PLANAR MONOLITHICS INDUSTRIES
5715 INDUSTRY LANE UNIT 11
FREDERICK, MARYLAND

PRODUCT FEATURE
5CL9D18G-180-CD-SFF