

DESCRIPTION:

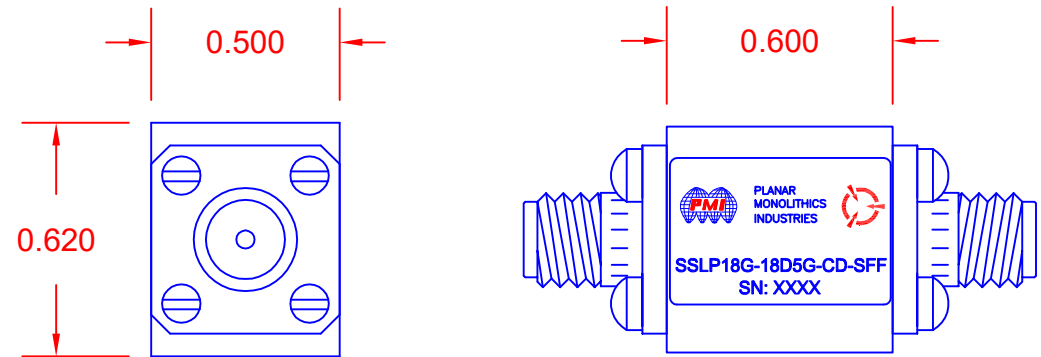
PMI model number SSLP18G-18D5G-CD-SFF is a Suspended Substrate Lowpass filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	3/21/02	

SPECIFICATIONS:

- PASSBAND: ······ DC TO 18000 MHz
- 3dB CUTOFF: ······ 18100 MHz
- VSWR IN THE PASS BAND: ······ 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) ······ <= 1 dB MAX.
- REJECTION @ 19000 MHz: ······ -30 dB
- REJECTION FROM 20000 MHz TO 28000 MHz: -60 dB

- CONNECTORS: ······ SMA FEMALE CONNECTORS
- SIZE ······ 2.1" (L) x 0.785" (W) x 0.50" (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. 155		 PLANAR MONOLITHICS INDUSTRIES 7311-F GROVE RD FREDERICK, MARYLAND		
APPROVALS	DATE	TITLE		
DRAWN F. HOYOS	3/21/02	OUTLINE DRAWING SSLP18G-18D5G-CD-SFF		
CHECKED				
ISSUED		SIZE A	FSCM NO. 1QJWO	DWG NO. 155
		SCALE N/A		REV. -
				SHEET 1 OF 1