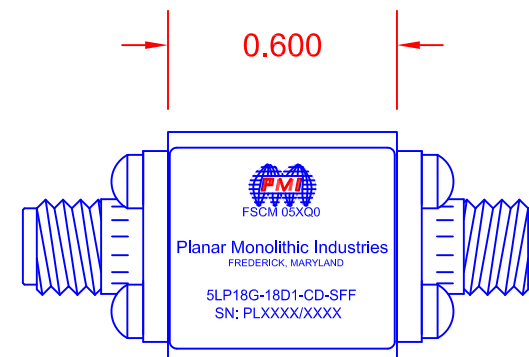
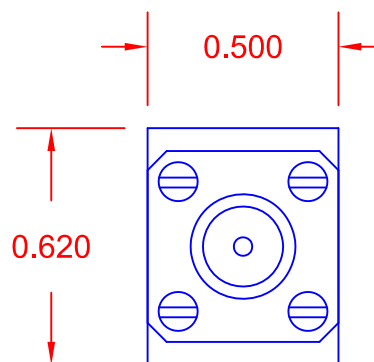


DESCRIPTION:

PMI model number 5LP18G-18D1G-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.

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	3/18/11	

PART NO.		 PLANAR MONOLITHICS INDUSTRIES FREDERICK, MARYLAND			
APPROVALS		DATE	TITLE		
DRAWN S. PALACIO		3/18/11	OUTLINE DRAWING 5LP18G-18D1G-CD-SFF		
CHECKED					
ISSUED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27014401
			SCALE N/A	SHEET 1 OF 1	