

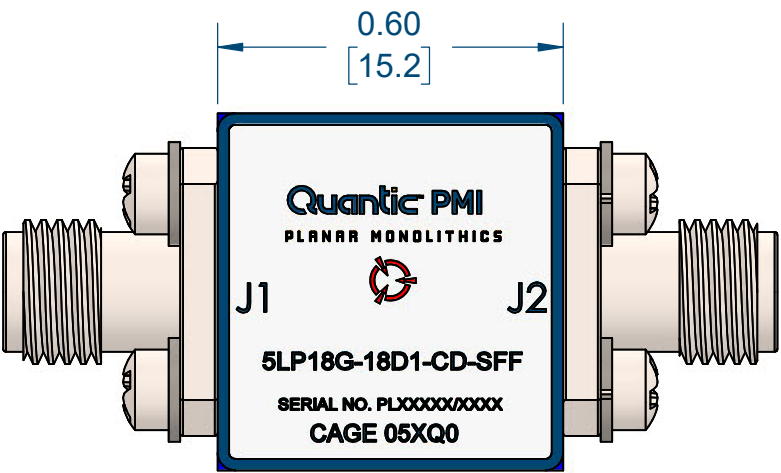
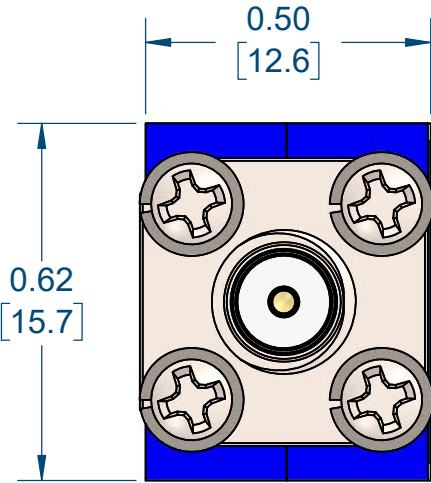
DESCRIPTION:

PMI MODEL 5LP18G-18D1G-CD-SFF is a Suspended Substrate Lowpass filter with SMA female connectors in and out.

ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	3/18/11	
	B1	ECN # 24-0342	11/26/2024	

SPECIFICATIONS:

- FREQUENCY:..... DC TO 18.0 GHz
- 3dB CUTOFF:..... 18.1 GHz
- VSWR IN THE PASS BAND:..... 1.5:1 MAX
- INSERTION LOSS (PASS BAND):..... 1 dB MAX
- REJECTION:..... 30 dB MIN @ 19 GHz
60 dB MIN FROM 20 TO 28 GHz
- CONNECTORS:..... SMA FEMALE CONNECTORS
- SIZE:..... 0.6 X 0.62" X 0.5"
- WEIGHT:..... 1 OZ. TYP.
- FINISH:..... PAINTED BLUE



ENVIRONMENTAL RATINGS:

- TEMPERATURE:..... -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY:..... MIL-STD-202, METHOD 103B COND. B
- SHOCK:..... MIL-STD-202, METHOD 213B COND. B
- VIBRATION:..... MIL-STD-202, METHOD 204D COND. B
- ALTITUDE:..... MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE:..... MIL-STD-202, METHOD 107D COND. A

PMI CONFIDENTIAL AND PROPRIETARY

NOTE: SPECIFICATIONS WILL VARY OVER TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

					Quantic PMI PLANAR MONOLITHICS 7309-A GROVE ROAD FREDERICK MARYLAND 21704 USA TEL: (301) 662-5019, FAX: (301) 662-1731 WEB: WWW.QUANTICPMI.COM, EMAIL: SALES@QUANTICPMI.COM ISO 9001 CERTIFIED							
			APPROVALS		DATE		TITLE					
			DRAWN S. PALACIO		3/18/11							
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± 0.02 ± .XXX ± 0.01			REDRAWN		OUTLINE							
			ISSUED		5LP18G-18D1G-CD-SFF							
					SIZE		FSCM NO.		DWG NO.		REV.	
					B		05XQ0		27014401		B1	
					SCALE 3:1				SHEET 1 OF 1			