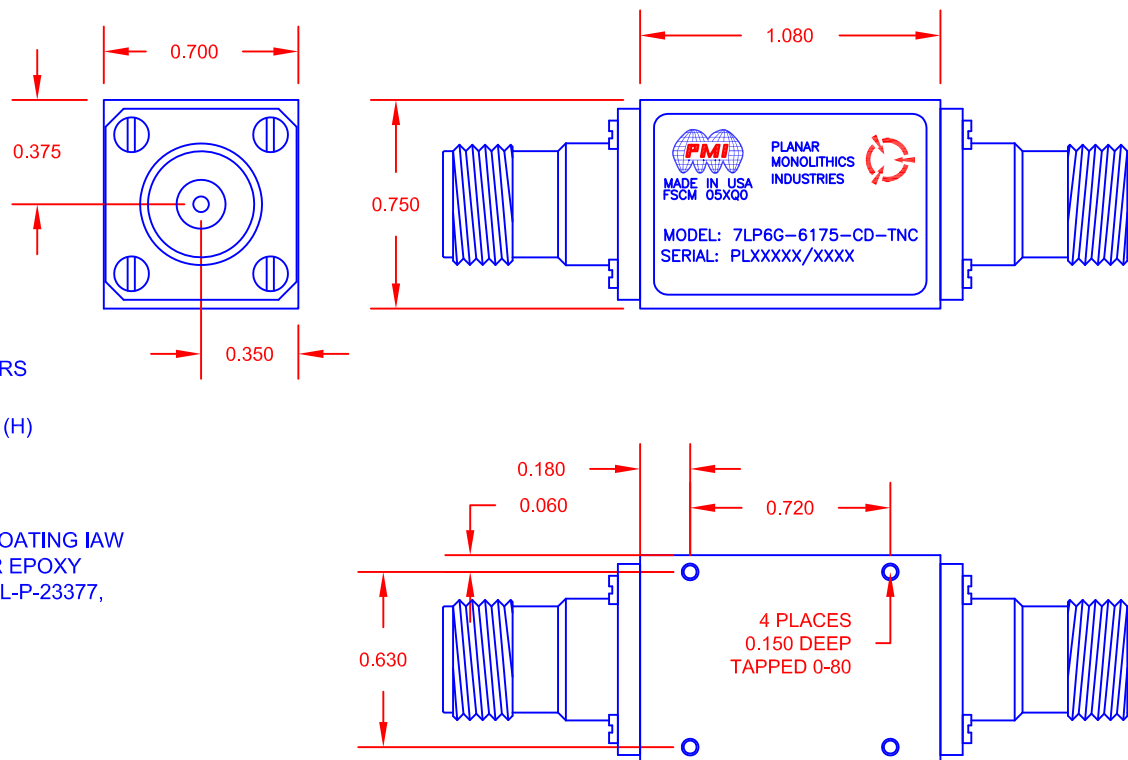


DESCRIPTION:

PFC model number 7LP6G-6175-CD-TNC is a Suspended Substrate Lowpass filter with TNC female connectors in/ out. 7LP6G-6175-CD-TNC offers very high Q with broadband performance in a silver plated CNC machined housing. This unit has very low loss and is ideal for eliminating broadband harmonics.

SPECIFICATIONS:

- PASSBAND: _____ DC TO 6000 MHz
- 3dB BANDWIDTH: _____ 6175 MHz NOM
- VSWR IN THE PASSBAND: _____ 1.5:1 MAX.
- INSERTION LOSS (PASSBAND): _____ 0.7 dB NOM
- REJECTION AT 7 GHz: _____ 70 dB MIN.
- REJECTION FROM 9 TO 20 GHz: _____ 60 dB MIN.
- CONNECTORS: _____ TNC FEMALE CONNECTORS
- SIZE: _____ 1.08" (L) x 0.50" (W) x 0.75" (H)
- WEIGHT: _____ 1 OZ. TYP.
- FINISH: _____ BLUE EPOXY POLIMIDE COATING IAW MIL-C-22750, TYPE I OVER EPOXY POLIMIDE PRIMER IAW MIL-P-23377, TYPE I, CLASS 1 OR 3.



PMI CONFIDENTIAL AND PROPRIETARY

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
	1	ORIGINAL RELEASE	07/30/15	

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN <i>S. PALACIO</i>		07/30/15		PRODUCT FEATURE 7LP6G-6175-CD-TNC	
CHECKED				SIZE A	REV. 1
ISSUED				FSCM NO. 05XQ0	DWG NO. 27025962
				SCALE N:S	SHEET 1 OF 1