DESCRIPTION

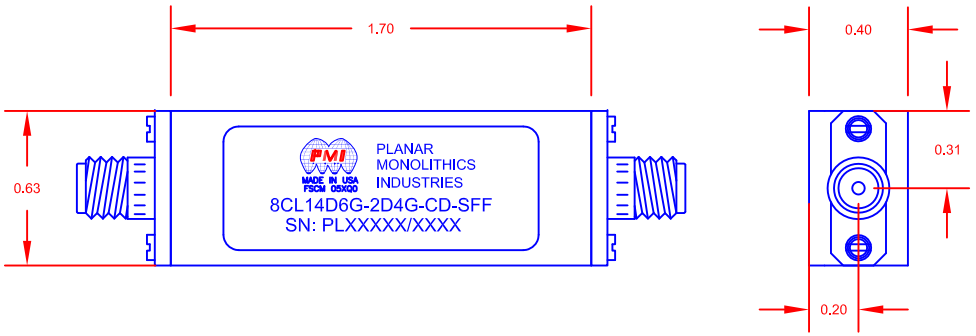
PMI Model Number: 8CL14D6G-2D4G-CD-SFF is a Combline filter with SMA Female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	2/11/13	
	A1	ECN # 13-0026	04/26/13	
	A2	ECN # 15-0182	12/21/15	

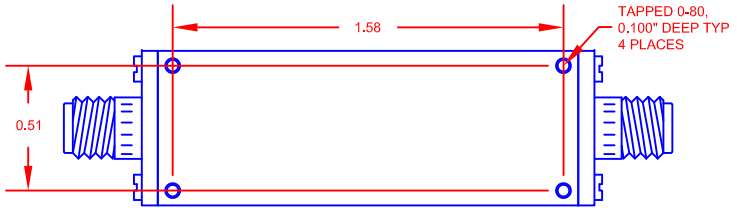
MECHANICAL OUTLINE

SPECIFICATIONS

- CENTER FREQUENCY: ——— 14.6 GHz
- 3dB BANDWIDTH: ——— 2400 MHz
- VSWR IN THE PASS BAND: ——— 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) ——— <= 1.5 dB MAX.
- REJECTION @ ~~12.4 GHz:~~ ——— <= -50 dB



- CONNECTORS: ——— SMA FEMALE CONNECTORS
- SIZE ——— 1.70" (L) x 0.625" (W) x 0.40" (H)
- WEIGHT ——— 1 OZ. TYP.
- FINISH ——— PAINTED GRAY



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: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED

APPROVALS	DATE
DRAWN S. PALACIO	2/11/13
CHECKED	
ISSUED	

TITLE: PRODUCT FEATURE
8CL14D6G-2D4G-CD-SFF

SIZE	FSCM NO.	DWG NO.	REV.
A	05XQ0	27018471	A2

SCALE N:S SHEET 1 OF 1