

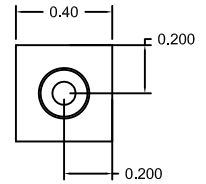
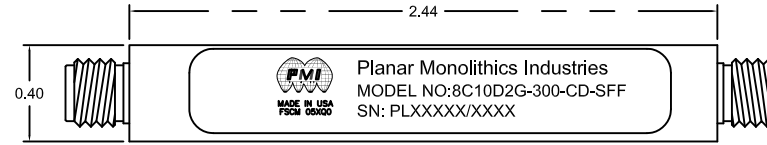
DESCRIPTION:

PMI model number 8C10D2G-300-CD-SFF is a Cavity filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

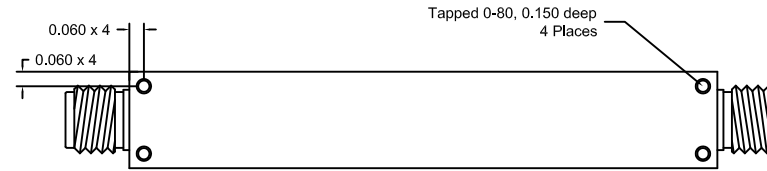
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	06/18/13	
	A1	ECN # 13-0100	07/31/13	

MECHANICAL OUTLINE**SPECIFICATIONS:**

- CENTER FREQUENCY: 10200 MHz
- 3dB BANDWIDTH: 300 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) <= 3dB MAX.
- REJECTION +/-600 MHz FROM FO 80 dB



- CONNECTORS: SMA FEMALE CONNECTORS
- SIZE 2.44" (L) x 0.40" (W) x 0.40" (H)
- WEIGHT 1 OZ. TYP.



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
- **TEMPERATURE CYCLE:** MIL-STD-202F, METHOD 107D COND. A

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

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E-MAIL: sales@pmi-rf.com
ISO 9001:2000 CERTIFIED



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

APPROVALS		DATE	TITLE			
DRAWN <i>JJS</i>		06/18/13	PRODUCT FEATURE			
CHECKED			8C10D2G-300-CD-SFF			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	27019861	A1
SCALE N: S				SHEET 1 OF 1		