

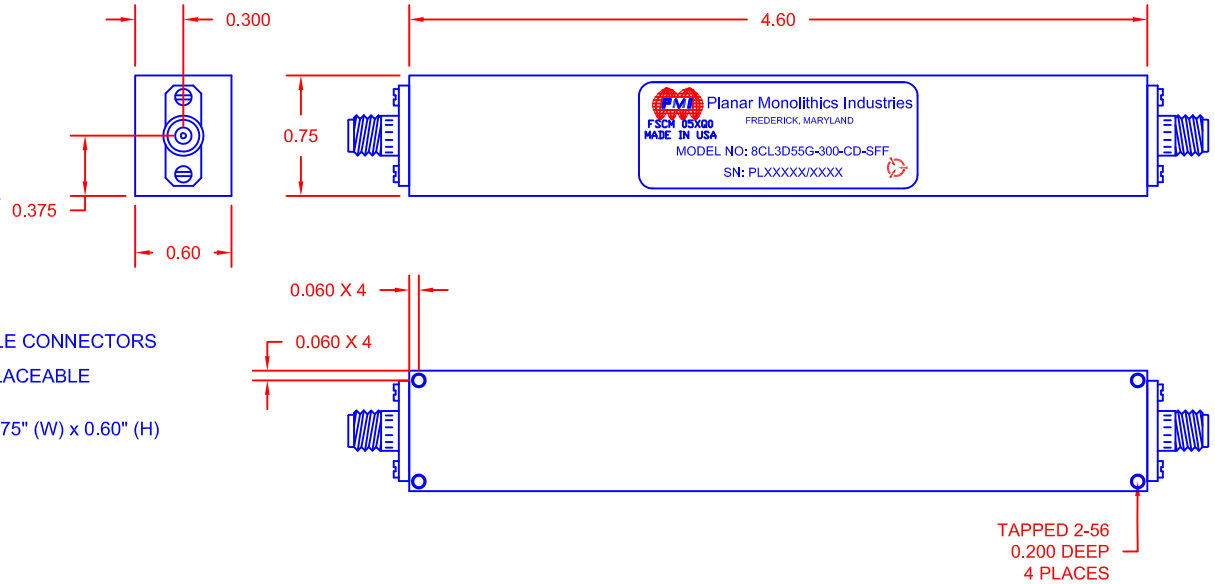
DESCRIPTION:

PMI model number 8CL3D55G-300-CD-SFF is a Cavity filter with SMA female field replaceable connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	9/5/09	
	A2	ECN # 13-0212	11/30/13	

SPECIFICATIONS:

- CENTER FREQUENCY: 3.55 GHz
- 1dB PASSBAND BANDWIDTH: 300 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) 1.5dB
- REJECTION AT 3.2 GHz 55dB
- REJECTION AT 4.0 GHz 60dB
- DELTA IL BETWEEN 3.4 & Fo 0.5dB GOAL



- CONNECTORS: SMA FEMALE CONNECTORS
FIELD REPLACEABLE
- SIZE 4.60" (L) x 0.75" (W) x 0.60" (H)
- WEIGHT 3 OZ. TYP.


ENVIRONMENTAL RATINGS:

- TEMPERATURE: 0°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 ±0.020
X.XXX ±0.010

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

PART NO.		PLANAR MONOLITHICS INDUSTRIES, INC.  7311-F GROVE ROAD FREDERICK, MARYLAND 21704 USA TEL: 301-662-5019 FAX: 301-662-1731 ISO 9001 CERTIFIED WEBSITE: www.pmi-rf.com E-MAIL: sales@pmi-rf.com		
APPROVALS	DATE	TITLE		
DRAWN <i>J.P. LAJEFO</i>	9/5/09	OUTLINE DRAWING 8CL3D55G-300-CD-SFF		
CHECKED		SIZE	FSCM NO.	DWG NO.
ISSUED		A	05XQ0	27011721
		SCALE	N/A	SHEET 1 OF 1
				REV. A2