

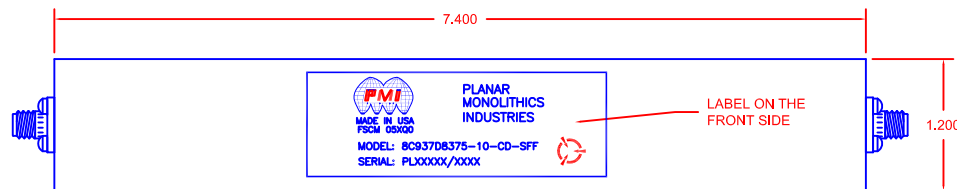
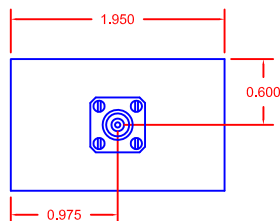
DESCRIPTION:

PMI model number 8C937D8375-10-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.

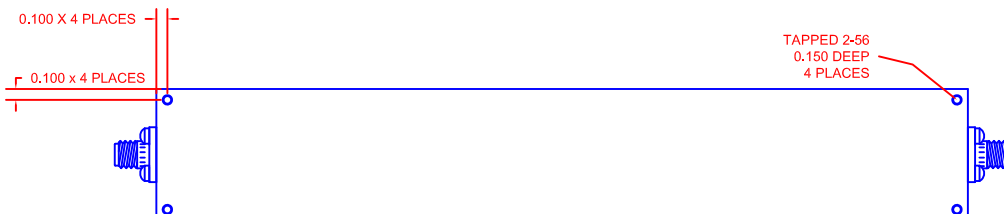
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	PRELIMINARY	7/19/17	

SPECIFICATIONS:

- CENTER FREQUENCY: · · · · · 937.8375 MHz
- 1dB BANDWIDTH: · · · · · 10 MHz
- VSWR IN THE PASS BAND: · · · · · 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) · · · · · 1.0 dB TYP.
- REJECTION 8 POLE RESPONSE
 - 10 MHz FROM BANDEDGES · · · · · 40 dB TYP.
 - 20 MHz FROM BANDEDGES · · · · · 70 dB TYP.



- CONNECTORS: · · · · · SMA FEMALE CONNECTORS
- SIZE · · · · · 7.40" (L) x 1.20" (W) x 1.95" (H)
- WEIGHT · · · · · 2 OZ. TYP.



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

PART NO.		PLANAR MONOLITHICS INDUSTRIES, INC. 7311-F GROVE ROAD FREDERICK, MARYLAND 21704 USA TEL: 301-862-5019 FAX: 301-862-1731 WEBSITE: www.pmi-rf.com E-MAIL: sales@pmi-rf.com ISO 9001:2000 CERTIFIED			
APPROVALS		DATE		TITLE	
DRAWN S. PALACIO		7/19/17		OUTLINE DRAWING 8C937D8375-10-CD-SFF	
CHECKED					
ISSUED					
SIZE	FSCM NO.	DWG NO.		REV.	
A	05XQ0	PRELIMINARY		—	
SCALE N/A				SHEET 1 OF 1	