

DESCRIPTION:

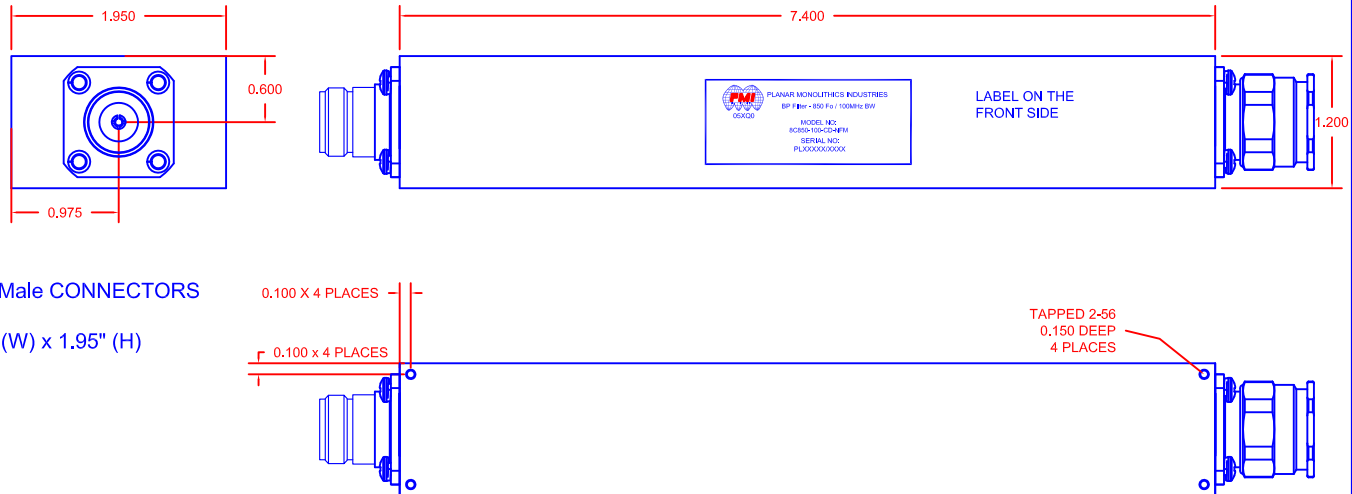
PMI model number 8C850-100-CD-NFM is a Cavity filter with N-Type Female/Male connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	6/18/20	

SPECIFICATIONS:

- CENTER FREQUENCY: 850 MHz
- 3dB BANDWIDTH: 100 MHz
- VSWR IN THE PASS BAND: 1.5:1 MAX.
- INSERTION LOSS (PASSBAND) : 1.2 dB MAX.
- INPUT POWER (PASSBAND) : 50W MAX.
- REJECTION 8 POLE RESPONSE

- CONNECTORS: N-Type Female/Male CONNECTORS
- SIZE : 7.40" (L) x 1.20" (W) x 1.95" (H)
- WEIGHT : 1 OZ. TYP.



ALL DIMENSIONS ARE IN mm [INCH]
TOLERANCES:
X.XXX ± 0.508 [0.020]
X.XXXX ± 0.254 [0.010]

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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PLANAR MONOLITHICS INDUSTRIES, INC.
7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: (301)-662-5019, FAX: (301)-662-1731
WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN SPH		6/18/20	PRODUCT FEATURE 8C850-100-CD-NFM		
CHECKED			SIZE	FSCM NO.	DWG NO.
ISSUED			A	05XQ0	PRELIMINARY
			SCALE	N:S	SHEET 1 OF 1