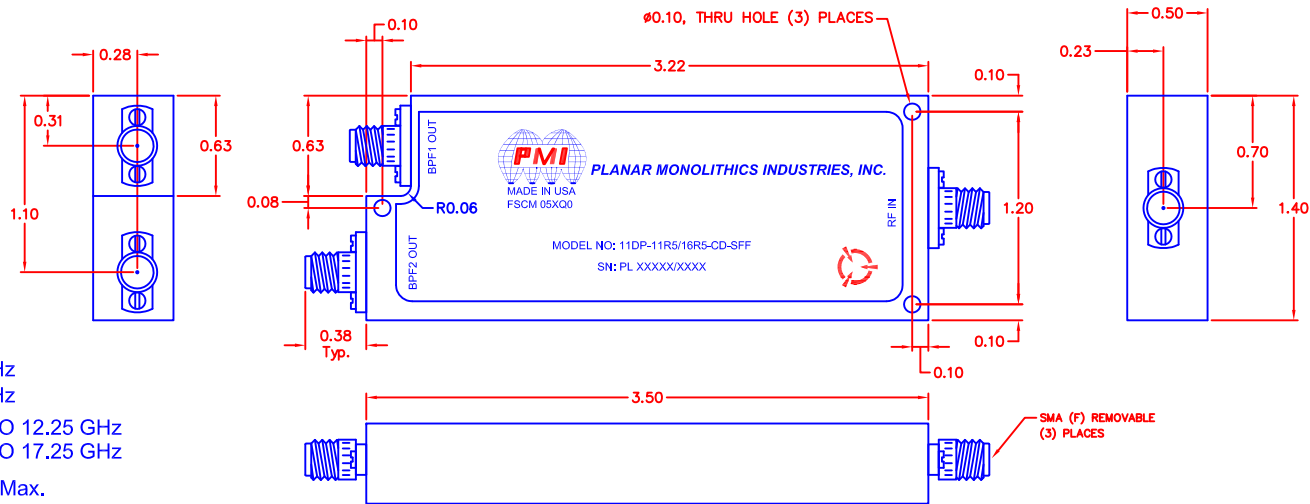


DESCRIPTION:

PMI model number 11DP-11R5/16R5-CD-SFF is a Diplexer 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
	A1	ORIGINAL RELEASE	7/24/08	
	B1	ECN# 13-0002	9/25/13	
	B2	ECN# 13-0119	08/20/13	



SPECIFICATIONS:

- CENTER FREQUENCY: BPF1 - 11.5 GHz
BPF2 - 16.5 GHz
- PASSBAND: BPF1 - 10.75 TO 12.25 GHz
BPF2 - 15.75 TO 17.25 GHz
- INSERTION LOSS (PASSBAND): 2dB Goal, 3dB Max.
- REJECTION: BPF1 - Fo=11.5GHz
-50dBc Min. @ 10.25 GHz
-75dBc Min. @ 13.75 GHz

BPF2 - Fo=16.5GHz
-50dBc Min. @ 17.75 GHz
-75dBc Min. @ 14.25 GHz
- VSWR: 1.5:1 Max.
- RETURN LOSS INPUT/OUTPUT : < -14.0 dB
- CONNECTORS INPUT/OUTPUT: SMA(F) - FIELD REMOVABLE
- FINISH: NO PAINT - SILVER PLATING

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -27°C TO +95°C (OPERATING BASE PLATE)
-65°C TO +125°C (STORAGE)
+25°C (SPEC)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107
- SALT FOG: MIL-STD-202F, METHOD 101D-EST COND. B
- THERMAL SHOCK: MIL-STD-202F, METHOD 107D COND. A

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	TITLE		
DRAWN <i>KJM</i>		7/24/08	PRODUCT FEATURE 11DP-11R5/16R5-CD-SFF.		
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27008603-B
ISSUED					REV. B2
SCALE N: S			SHEET 1 OF 1		