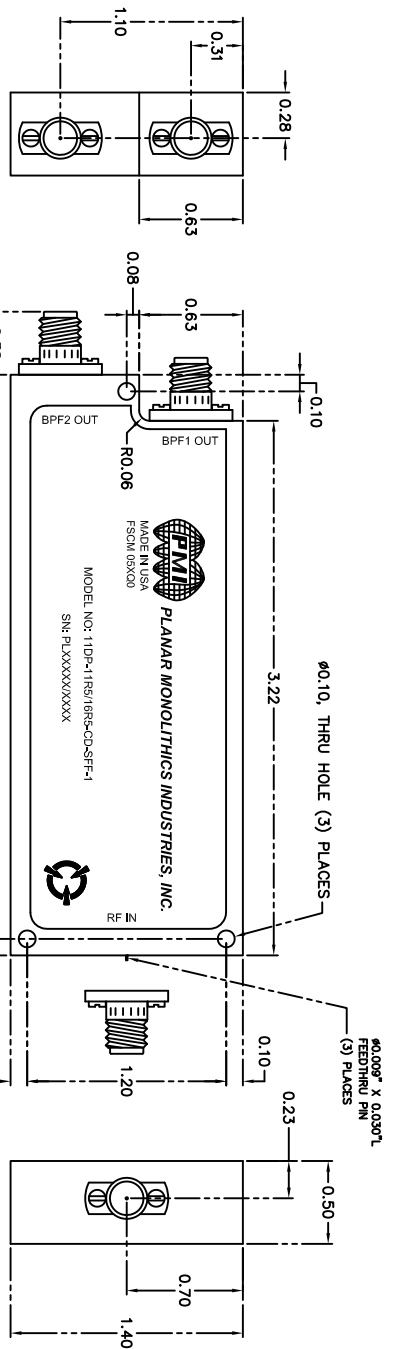


DESCRIPTION:

PMI model number 11DP-11R5/16R5-CD-SFF-1 is an Diplexer Filter with SMA female connectors in and out. All filters will be machined and silver plated to provide the highest possible Q.

REVISIONS		DESCRIPTION	DATE	APPROVED
ZONE	REV.			
	A	ORIGINAL RELEASE	3/04/13	



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.
- FLATNESS (PASSBAND): ±0.2dB Typ., ±0.3dB 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:
XXX ±0.010
XXXX ±0.005

PART NO.		APPROVALS		DATE		TITLE	
		dml/g		3/04/13		PRODUCT FEATURE	
DRAWN		CHECKED		ISSUED		SCALE N/A	
PLANAR MONOLITHICS INDUSTRIES		FREDERICK, MARYLAND		SIZE FSQM NO.		DWG NO.	
PMI CONFIDENTIAL & PROPRIETARY		11DP-11R5/16R5-CD-SFF-1		A 05X00		27018533	
				SHEET		1 OF 1	
				REV.		A	