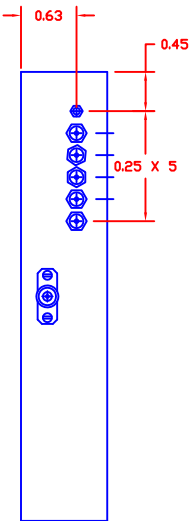
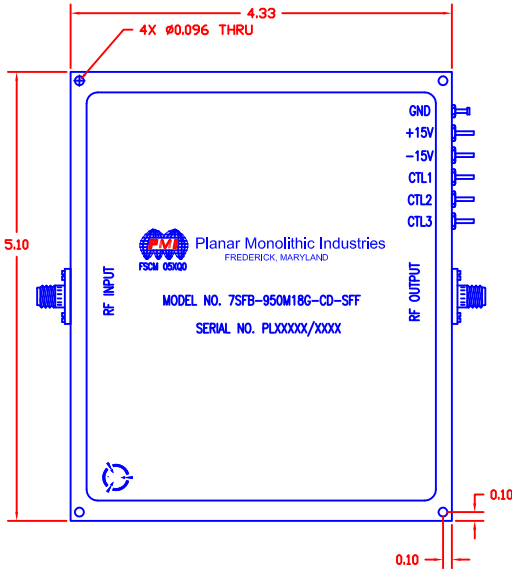
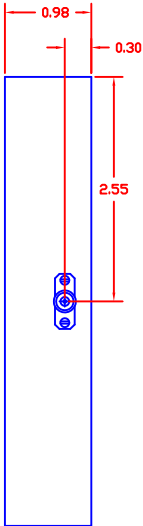


DESCRIPTION:

PMI MODEL 7SFB-950M18G-CD-SFF IS AN EIGHT CHANNEL SWITCHED FILTER BANK OFFERING ULTRA FAST SWITCH SPEED & HIGH REJECTION WITH LOW LOSS.

SPECIFICATIONS:

- FREQUENCY RANGE: 0.95 GHz TO 18.05 GHz
- INSERTION LOSS: 9 dB TYP.
(ALL PASSBAND AMPLITUDE
EQUALIZED TO WITHIN 3dB)
- VSWR: 2.0:1 MAX.
- IMPEDANCE: 50 OHMS
- SWITCHING SPEED: 60 ns TYP.
- CONTROL: TTL, 3 LINES
- POWER SUPPLY: +15VDC; 100mA Typ.
-15VDC; 100mA Typ.
- CONNECTOR: SMA FEMALE (REMOVABLE)
- SIZE: 4.33" (L) X 5.1" (W) X 0.98" (H)
- FINISH: GRAY EPOXY PAINT



LOGIC TABLE			FILTER PATH	PASSBAND (GHz)	LOWER STOPBAND (GHz)	UPPER STOPBAND (GHz)	REJECTION LEVEL (dB)
CTL1	CTL2	CTL3					
0	0	0	CHANNEL 1	0.95 - 6.05	N/A	6.9 TO 18.0	55
0	0	1	CHANNEL 2	5.15 - 8.25	DC TO 4.3	9.0 TO 18.0	55
0	1	0	CHANNEL 3	7.35 - 10.75	DC TO 6.5	11.3 / 12.5 TO 18	45 / 55
0	1	1	CHANNEL 4	9.85 - 13.15	DC TO 9.2	13.8 TO 18.0	55
1	0	0	CHANNEL 5	12.25 - 15.65	DC TO 11.5	16.2 TO 18.0	55
1	0	1	CHANNEL 6	14.75 - 16.45	DC TO 14.0	16.8 TO 18.0	55
1	1	0	CHANNEL 7	15.55 - 18.05	DC TO 14.0	N/A	55
1	1	1	CHANNEL 8	THRU - 0.95-18.05	N/A	N/A	N/A

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -40°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
- TEMPERATURE CYCLE: 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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	11/17/11	
	B	SPEC. UPDATES	5/9/12	

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 WEBSITE: www.pmi-rf.com E-MAIL: sales@pmi-rf.com ISO 9001:2008 CERTIFIED			
APPROVALS		DATE		TITLE	
DRAWN NJA		11/17/11		OUTLINE DRAWING 7SFB-950M18G-CD-SFF SWITCHED FILTER BANK	
CHECKED					
ISSUED					
		SIZE A	FSCM NO. 05XQ0	DWG NO. 27015281	REV. B
		SCALE			SHEET 1 of 1