

DESCRIPTION:

PMI MODEL 4SFB-2G6G-CD-5-N12-SFF-HSS IS A FOUR CHANNEL SWITCHED FILTER BANK OFFERING ULTRA FAST SWITCH SPEED & HIGH REJECTION WITH LOW LOSS.

SPECIFICATIONS:

- FREQUENCY RANGE: 2000 MHz TO 6000 MHz
- 3dB BW: 1 GHz MIN.
- INSERTION LOSS: 5 dB MAX
- VSWR: 2.0:1 MAX.
- IMPEDANCE: 50 OHMS
- SWITCHING SPEED: 100 nS MAX.
- CONTROL: TTL, 2 LINES
- POWER SUPPLY: +5VDC; 200mA max.
-15VDC; 200mA max.
- CONNECTOR: SMA FEMALE (REMOVABLE)
- SIZE: 4.33" (L) X 4.33" (W) X 0.787" (H)
- FINISH: GREY EPOXY PAINT

CTRL1	CTRL2	FILTER PATH
0	0	2 - 3 GHz
0	1	3 - 4 GHz
1	0	4 - 5 GHz
1	1	5 - 6 GHz

FILTER CHARACTERISTICS					
PARAMETER	FL1	FL2	FL3	FL4	UNITS
CENTER FREQUENCY	2500	3500	4500	5500	MHz
5 dB MAX.	1 GHz BANDWIDTH				MHz
-60 dB MIN.	15 % OF CORNER FREQUENCY				MHz

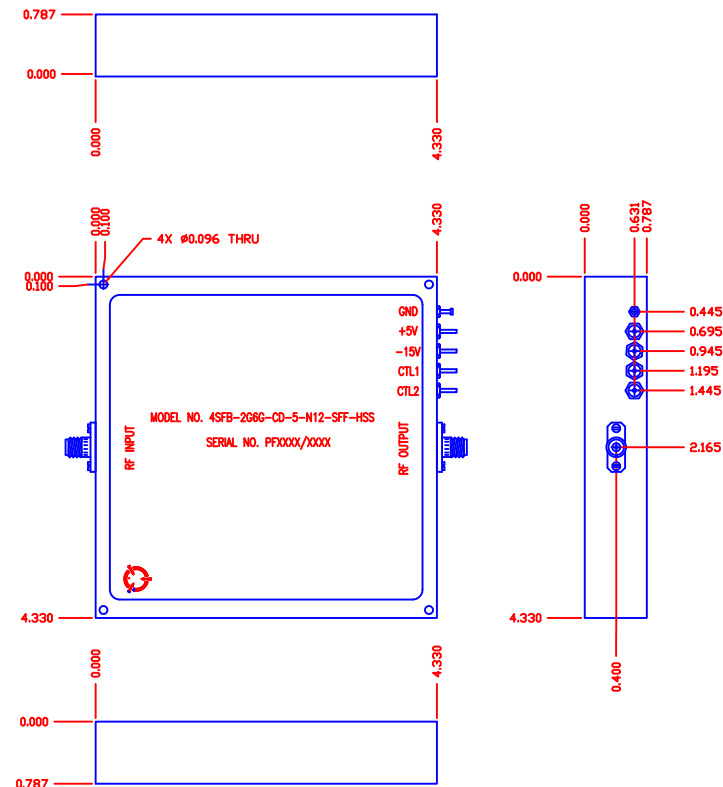
ENVIRONMENTAL RATINGS:

- 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	11/11/09	
	B	CONNECTOR LOCATION	7/12/10	



PMI CONFIDENTIAL AND PROPRIETARY

PART NO.		 PLANAR MONOLITHICS INDUSTRIES 5715 INDUSTRY LANE UNIT 11 FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
S. PALACIO	11/11/09	OUTLINE DRAWING 4SFB-2G6G-CD-5-N12-SFF-HSS SWITCHED FILTER BANK	
CHECKED		SIZE	FSCM NO.
ISSUED		A	05XQ0
		DWG NO.	27012881
		SCALE	SHEET 1 of 1