

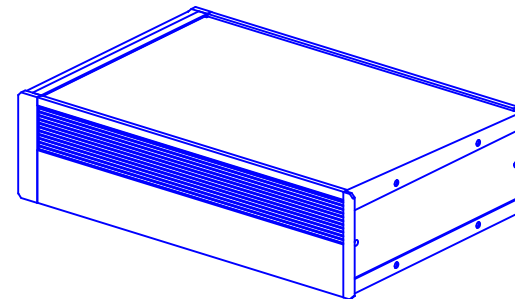
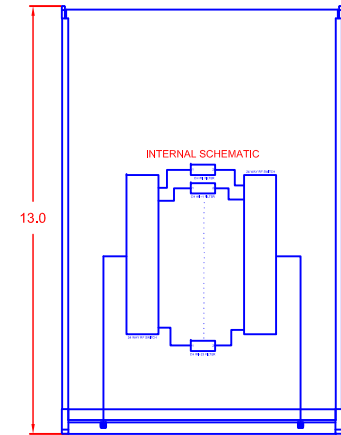
DESCRIPTION:

PMI MODEL 24SFB-5D75G18D25G-2U-SFF IS A TWENTY FOUR CHANNEL(BANDPASS FILTERS) SWITCHED FILTER BANK OFFERING ULTRA FAST SWITCH SPEED, HIGH REJECTION WITH LOW LOSS. THIS MODEL IS IDEAL FOR AUTOMATED SPECTRUM MONITORING SYSTEM.

SPECIFICATIONS:

- FREQUENCY RANGE: 5.75 GHz TO 18.25 GHz
- INSERTION LOSS: 15 dB GOAL, 16 dB MAX.
- VSWR: 2.0:1 MAX. / 1.5:1 GOAL
- IMPEDANCE: 50 OHMS
- SWITCHING SPEED: 100 ns TYP.
- CONTROL: TTL, 5 BIT DECODED
- POWER SUPPLY: +15VDC; 2000mA Typ.
-15VDC; 400mA Typ.
- CONNECTOR: SMA FEMALE
- SIZE: 8.5" X 3.5" X 13" (DII-35-2-13 BLUE)
- FINISH: BLUE POWDER COAT
ON FRONT PANEL

15 PIN CONNECTOR	
PIN #	FUNCTION
1	CTL 1
2	CTL 2
3	CTL 3
4	CTL 4
5	CTL 5
6	NC
7	NC
8	NC
9	NC
10	NC
11	GND
12	+15 V
13	GND
14	-15 V
15	GND



TTL CONTROL					FILTER PATH	FILTER 1dB PASSBAND (GHz)	LOWER REJECTION LEVEL (GHz)	LOWER REJECTION LEVEL (dB) MIN	UPPER REJECTION LEVEL (GHz)	UPPER REJECTION LEVEL (dB) MIN
CTL 1	CTL 2	CTL 3	CTL 4	CTL 5						
0	0	0	0	0	CHANNEL 1	5.75 - 6.75	7.0	30	8.0	60
0	0	0	0	1	CHANNEL 2	6.25 - 7.25	7.5	30	8.5	60
0	0	0	1	0	CHANNEL 3	6.75 - 7.75	8.0	30	9.0	60
0	0	0	1	1	CHANNEL 4	7.25 - 8.25	8.5	30	9.5	60
0	0	1	0	0	CHANNEL 5	7.75 - 8.75	9.0	30	10.0	60
0	0	1	0	1	CHANNEL 6	8.25 - 9.25	9.5	30	10.5	60
0	0	1	1	0	CHANNEL 7	8.75 - 9.75	10.0	30	11.0	60
0	0	1	1	1	CHANNEL 8	9.25 - 10.25	10.5	30	11.5	60
0	1	0	0	0	CHANNEL 9	9.75 - 10.75	11.0	30	12.0	60
0	1	0	0	1	CHANNEL 10	10.25 - 11.25	11.5	30	12.5	60
0	1	0	1	0	CHANNEL 11	10.75 - 11.75	12.0	30	13.0	60
0	1	0	1	1	CHANNEL 12	11.25 - 12.25	12.5	30	13.5	60
0	1	1	0	0	CHANNEL 13	11.75 - 12.75	13.0	30	14.0	60
0	1	1	0	1	CHANNEL 14	12.25 - 13.25	13.5	30	14.5	60
0	1	1	1	0	CHANNEL 15	12.75 - 13.75	14.0	30	15.0	60
0	1	1	1	1	CHANNEL 16	13.25 - 14.25	14.5	30	15.5	60
1	0	0	0	0	CHANNEL 17	13.75 - 14.75	15.0	30	16.0	60
1	0	0	0	1	CHANNEL 18	14.25 - 15.25	15.5	30	16.5	60
1	0	0	1	0	CHANNEL 19	14.75 - 15.75	16.0	30	17.0	60
1	0	0	1	1	CHANNEL 20	15.25 - 16.25	16.5	30	17.5	60
1	0	1	0	0	CHANNEL 21	15.75 - 16.75	17.0	30	18.0	60
1	0	1	0	1	CHANNEL 22	16.25 - 17.25	17.5	30	18.5	60
1	0	1	1	0	CHANNEL 23	16.75 - 17.75	18.0	30	19.0	60
1	0	1	1	1	CHANNEL 24	17.25 - 18.25	18.5	30	19.5	60
1	1	1	1	1	ALL OFF	N/A	N/A	N/A	N/A	N/A

CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS:

- TEMPERATURE: 0°C TO +70°C (OPERATING & STORAGE)


ALL DIMENSIONS ARE IN INCHES
TOLERANCES:

X.XX ± 0.020

X.XXX ± 0.010

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	4/9/2019	
	1	SIZE UPDATE	4/12/2019	
	2	SPECIFICATION UPDATES	4/22/2019	

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-ri.com E-MAIL: sales@pmi-ri.com ISO 9001:2008 CERTIFIED		
APPROVALS	DATE			
DRAWN	SPH	4/9/2019	TITLE	
CHECKED			OUTLINE DRAWING 24SFB-5D75G18D25G-2U-SFF SWITCHED FILTER BANK	
ISSUED			SIZE	FSCM NO.
			A	05XQ0
			DWG NO.	PRELIMINARY
			REV.	2
			SCALE	SHEET 1 of 1