

AMC MODEL SFB-13-6P-MCT IS A SIX CHANNEL SWITCHED BANK WITH INTEGRAL TTL DRIVER.

- FREQUENCY RANGE: . 1.38 GHz – 2.62 GHz
- INSERTION LOSS: . 3.3dB + & – 0.5dB
- PASS BAND SPECIFICATION: -Passband ripple 0.25dB
- BAND PASS FILTER TYPE: . Combine Cheby Chev
- CHANNEL SPECIFICATIONS: . -0.5 dB FREQ. BW

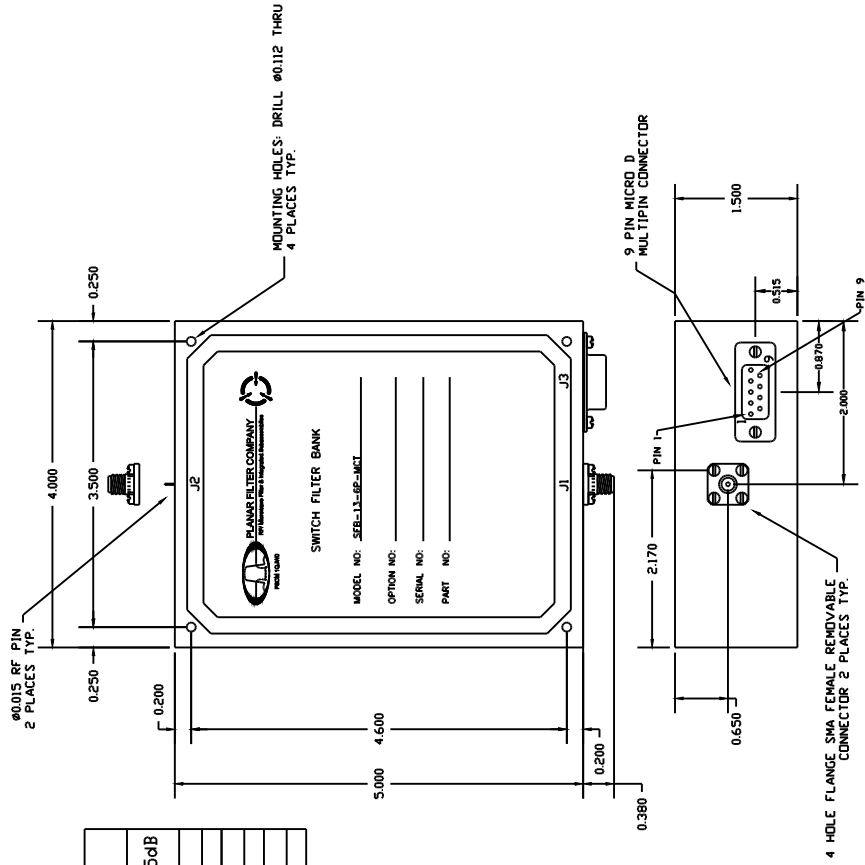
REJECTION			
LOW SIDE -60dB	Low Side -65dB	High Side -60dB	High Side -65dB
1200 MHz	DC to 1000 MHz	1800 MHz	2.1 to 6GHz
1400 MHz	DC to 1100 MHz	2000 MHz	2.3 to 6GHz
1600 MHz	DC to 1300 MHz	2200 MHz	2.5 to 6GHz
1800 MHz	DC to 1500 MHz	2400 MHz	2.7 to 6GHz
2000 MHz	DC to 1700 MHz	2600 MHz	2.9 to 6GHz
2200 MHz	DC to 1900 MHz	2800 MHz	3.1 to 6GHz

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|--------------------|---|
| • ISOLATION: | • -60 dB CHANNEL TO CHANNEL |
| • VSWR: | • 1.5:1 GOAL 2.0:1 TYPICAL |
| • SWITCHING SPEED: | • 500 ns MAX. |
| • CONTROL: | • TTL 6 BIT CONTROL |
| • RF POWER RATING: | • 27 dBm CW MAX. |
| • IP3: | • 46 dBm |
| • POWER SUPPLY: | • +15v @ 700ma max.
• -15V @ 50mA max. |
| • CONNECTOR: | • SMA FEMALE |
| • SIZE: | • 5.0"(L) x 4.0"(W) x 1.5"(H) |
| • WEIGHT: | • 13 OUNCES MAXIMUM |
| ENVIRONMENTAL: | • TEMPERATURE 0 TO +85C |

PIN DUT TABLE J1	
PIN	10
1	+15V
2	GND
3	-15V
4	E1
5	E2
6	E3
7	E4
8	E5
9	E6

• TEMPERATURE:	-55°C TO +85°C (OPERATING)	COND. B
	-65°C TO +125°C (STORAGE)	COND. B
• 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 10D	COND. A

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005



PART NO.	 Planar Filter Company 7311G Grove Road, Fredrick, Maryland	
	APPROVALS	DATE
DRAWN	K SIMMS	8/18/99
CHECKED		
ISSUED		
TITLE OUTLINE DRAWING SFB-13-6P-MCT		
SIZE	FSCM NO.	OWG NO.
A	OZXZ8	100-4971
SCALE	N/A	SHEET
		1 OF 1

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION