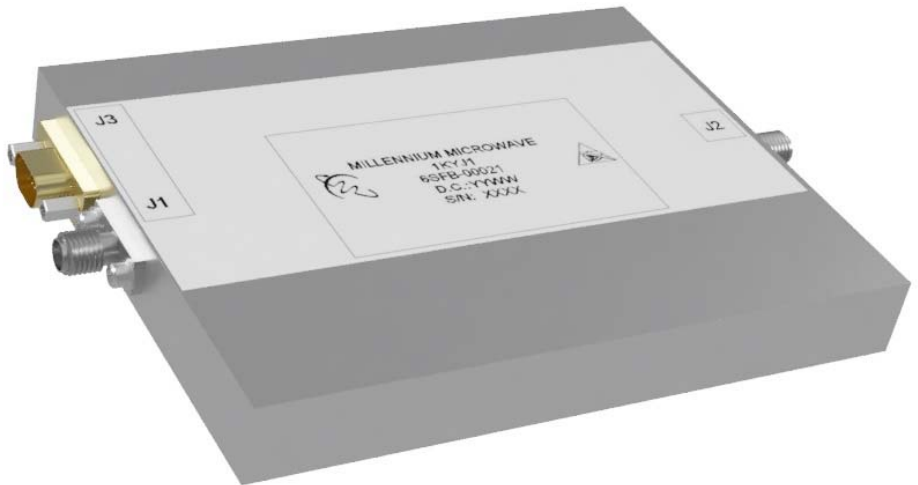


6SFB-00021

Features:

- 1 to 18 GHz
- VSWR 2.0:1
- By-Pass Mode
- +5 / -12 VDC



Specifications:

	CHANNEL 1	CHANNEL 2	CHANNEL 3	CHANNEL 4	CHANNEL 5	CHANNEL 6
PASSBAND FREQUENCY (FO)	1800 MHz	3750 MHz	6500 MHz	10000 MHz	14950 MHz	By-Pass 1000-18000 MHz
Control Logic	E3 0 0 0 E1	E3 0 0 1 E1	E3 0 1 0 E1	E3 0 1 1 E1	E3 1 0 0 E1	E3 1 0 1 E1

MINIMUM 3 dB BW	1600 MHz		2700 MHz		3200 MHz		4200 MHz		6100 MHz		
	MAX INSERTION LOSS @ FO	8.0 dB Max		8.0 dB Max		8.0 dB Max		8.0 dB Max		8.0 dB Max	
PASSBAND VSWR (80% of 3dB BW)	2.0:1 MAX (-9.54 dBr Min) (1160-2440MHz)		2.0:1 MAX (-9.54 dBr Min) (2670-4830MHz)		2.0:1 MAX (-9.54 dBr Min) (5220-7780MHz)		2.0:1 MAX (-9.54 dBr Min) (8320-11680MHz)		2.0:1 MAX (-9.54 dBr Min) (12510-17390MHz)		2.0:1 MAX (-9.54 dBr Min)
IN											
OUT											
LOW SIDE REJECTION *1	700 MHz		1950 MHz		4000 MHz		6500 MHz		10000 MHz		
	-50 dBa		-50 dBa		-50 dBa		-50 dBa		-50 dBa		
HIGH SIDE REJECTION *1	3120 MHz		6120 MHz		8900 MHz		14000 MHz		20000 MHz		
	-50 dBa		-50 dBa		-50 dBa		-50 dBa		-50 dBa		
SPURIOUS REJECTIONS *2	-50 dBa		-50 dBa		-50 dBa		-50 dBa		-50 dBa		N/A

DC Power	
+5 VDC @ 200 mA MAX	<200 mA
-12 VDC @ 100 mA MAX	<100 mA

Switching Speed	
500 nS MAX	
Off - On	<500 nS
On - Off	<500 nS

*1 Rejection is measured in absolute terms.

*2 Spurious rejections are measured from high side rejection point to 18 GHz regardless of filter selection.

Note: Max. inout power \geq 28 dBm

Note: P1dB input Power \geq 20 dBm

Operating Temperature -40 deg.C to +85 deg. C

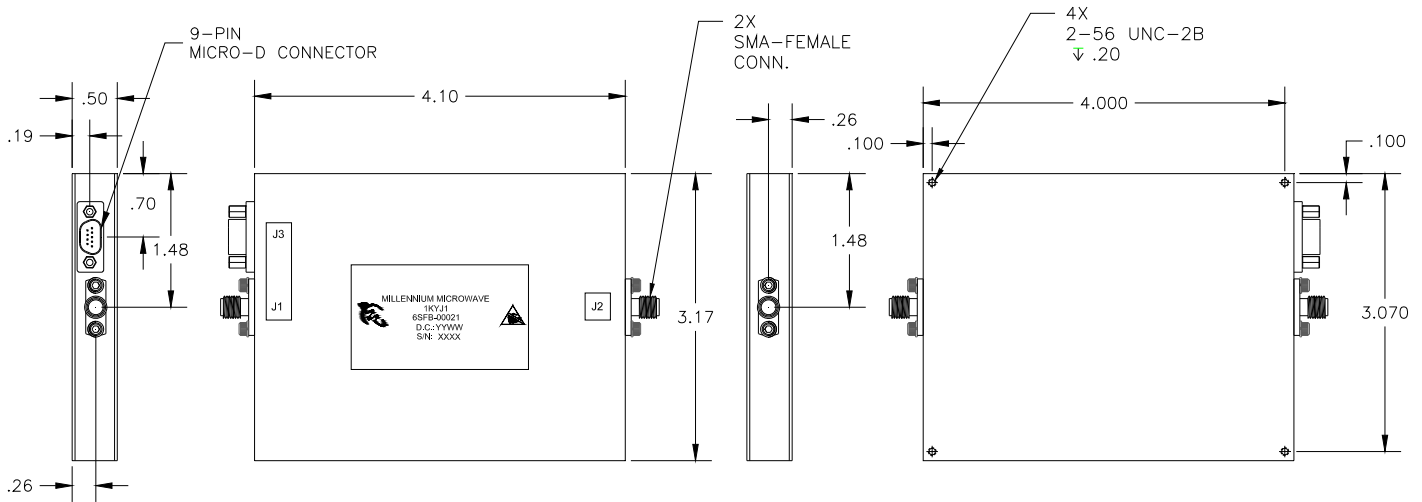


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➤ Outline Drawing:



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