

6SFB-00017

Features:

- Switching Speed <200nS
- LVTTTL Control
- +5V / -5V
- 80 dB Stopbands
- 7 – 8.5 GHz



Specifications:

	CHANNEL 1	CHANNEL 2	CHANNEL 3	CHANNEL 4	CHANNEL 5	CHANNEL 6
PASSBAND FREQUENCY (FO)	7360 MHz	7680 MHz	8000 MHz	8320 MHz	8640 MHz	8065 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 1 dB BW	320 MHz	320 MHz	320 MHz	360 MHz	360 MHz	650 MHz
MAX INSERTION LOSS @ FO	5.0 dB Max	5.0 dB Max	5.0 dB Max	5.0 dB Max	5.0 dB Max	5.0 dB Max
PASSBAND VSWR	2.0:1 MAX (9.5 dBr Min)	2.0:1 MAX (9.5 dBr Min)	2.0:1 MAX (9.5 dBr Min)	2.0:1 MAX (9.5 dBr Min)	2.0:1 MAX (9.5 dBr Min)	2.0:1 MAX (9.5 dBr Min)
IN						
OUT						
LOW SIDE REJECTION *1	7040 MHz -60 dBa	7360 MHz -60 dBa	7680 MHz -60 dBa	8000 MHz -50 dBa	8000 MHz -80 dBa	
HIGH SIDE REJECTION *1	8000 MHz -60 dBa	8320 MHz -60 dBa	8640 MHz -60 dBa	8960 MHz -60 dBa	8960 MHz -50 dBa	8640 MHz -65 dBa
SPURIOUS REJECTIONS *2	-80 dB	-80 dB	-80 dB	-80 dB	-80 dB	-80 dB

DC Power	
+5 VDC @ 150 mA MAX	
-5 VDC @ 60 mA MAX	

Switching Speed 200 nS MAX	
Off - On	
On - Off	

*1 Rejection is measured in absolute terms.

*2 Spurious rejections are measured from 500-820 MHz and 11-17 GHz regardless of filter selection.

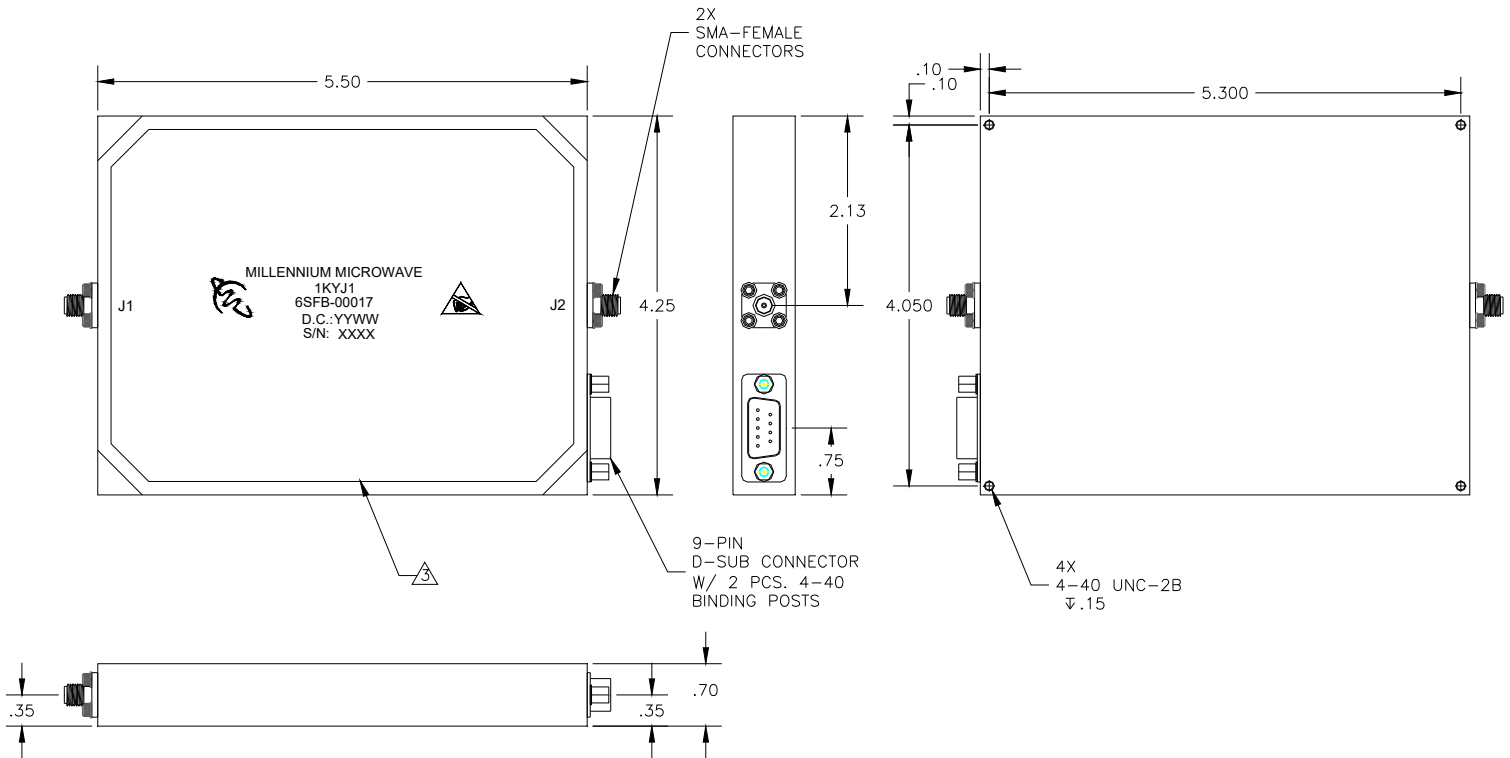


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➤ Outline Drawing:



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