

# 6SFB-00016

## Features:

- Switch Isolation >80 dB
- +5V
- 30 dB Stopbands
- .7 to 1.0 GHz



## Specifications:

	CHANNEL 1	CHANNEL 2	CHANNEL 3	CHANNEL 4	CHANNEL 5	CHANNEL 6
PASSBAND FREQUENCY (FO)	740 MHz	810 MHz	850 MHz	890 MHz	930 MHz	970 MHz
Control Logic	A2 0 0 1 A0	0 1 0	0 1 1	1 0 0	1 0 1	1 1 0
2.0 dB BW (In MHz) 40 MHz MIN	720 760	790 830	830 870	870 910	910 950	950 990
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	700 MHz	770 MHz	810 MHz	850 MHz	890 MHz	930 MHz
30 dB						
HIGH SIDE REJECTION *1	780 MHz	850 MHz	890 MHz	930 MHz	970 MHz	1010 MHz
30 dB						

DC Power	
+5 VDC @ 100 mA MAX	

Switching Speed *2	
700 nS MAX	
Off - On	
On - Off	

Switch Isolation	
80 dB MIN	

\*1 Rejection is measured from center frequency (FO)

\*2 Measure all possible switching states. IAW attached work sheet.

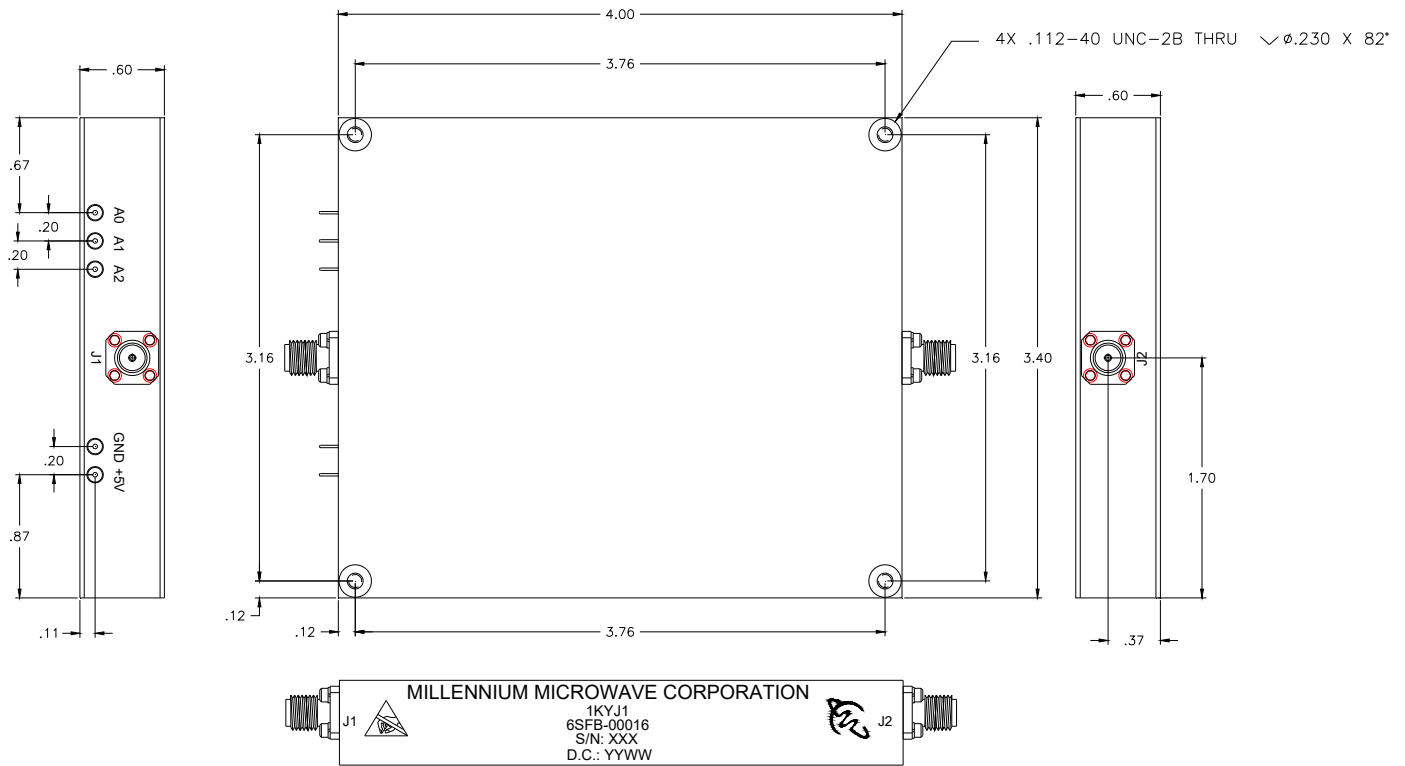


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## ➤ Outline Drawing:



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