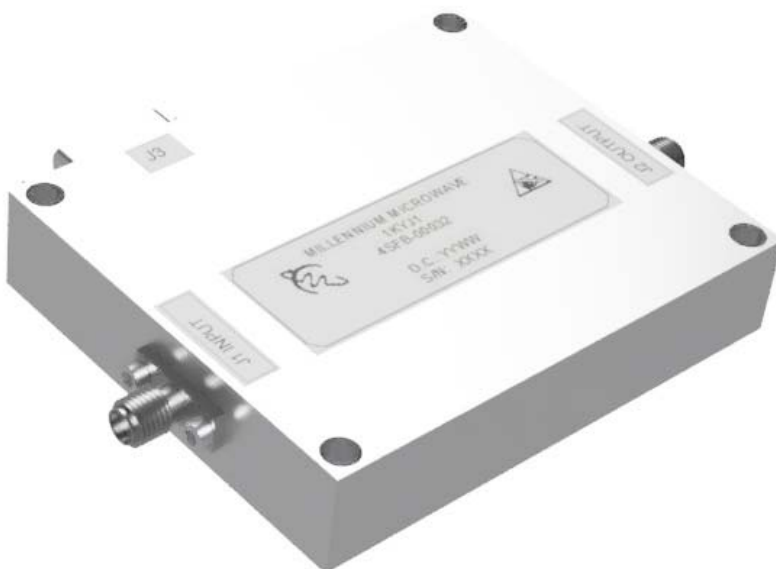


4SFB-00032

➤ Features:

- Switching Speed <500nS
- TTL Controlled
- +5V / -5V
- Input Power +10dBm
- .5 – 6 GHz



➤ Specifications:

	CHANNEL 1			CHANNEL 2			CHANNEL 3			CHANNEL 4		
Control	0	0	0	0	0	1	0	1	0	0	1	1
PASSBAND FREQUENCY (FO)	Low pass cut-off 2000 MHz			2500 MHz			3750 MHz			5250 MHz		
Minimum 3 dB BW	MHz			2000	MHz	3000	3000	MHz	4500	4500	MHz	6000
Max Insertion Loss @ FO	6.0 dB (1600 MHz)			6.0 dB			6.0 dB			6.0 dB		
VSWR 80% of 3 dB BW	2.0:1 Max. 9.5 dB min. (20-1600)			2.0:1 Max. 9.5 dB min. (2100-2900)			2.0:1 Max. 9.5 dB min. (3150-4350)			2.0:1 Max. 9.5 dB min. (4650-5850)		
In												
Out												
Low Side Rejection		MHz	dB	MHz	dB	MHz	dB	MHz	dB			
	35dBc	NA		1500		2250		3000				
	40 dBc	NA		20 - 1000		20 - 1500		20 - 2000				
High Side Rejection	35 dBc	2350		4000		6000		9000				
	40 dBc	2450		6000 - 9000		9000 - 13500		13500 - 18000				



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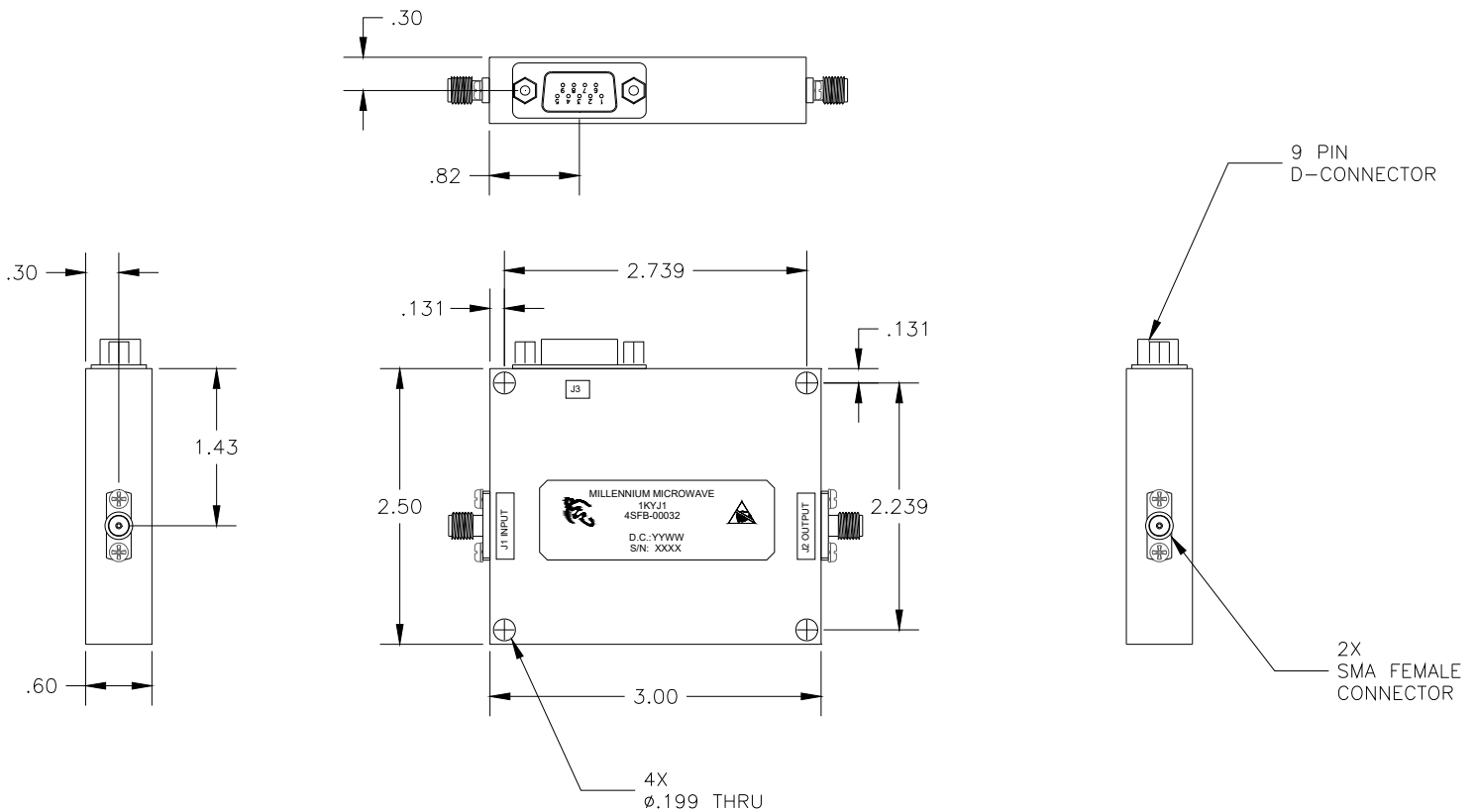
MILLENNIUM MICROWAVE CORPORATION
30733 PARK DRIVE, PRINCESS ANNE, MD 21853
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www.microwave2000.com

4SFB-00032

Switching Speed <1000nS Max	Off-On	DC Power	+5VDC @ 150mA Max	-5VDC @ 50mA Max
	On-Off			

- Note: Maximum Video Leakage is less than -60 dBm at RF output \geq 20MHz 50uS rep rate.
- Note: Maximum input power to the filter is +10 dBm, with 90 dB operating dynamic range.
- Note: Channel 5 (1 X X) is an All Off state.
- Note: Channel 1 low pass filter rejection is TBD at this time.
- Note: Ultimate rejection is a valid record at this time.

➤ Outline Drawing:



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