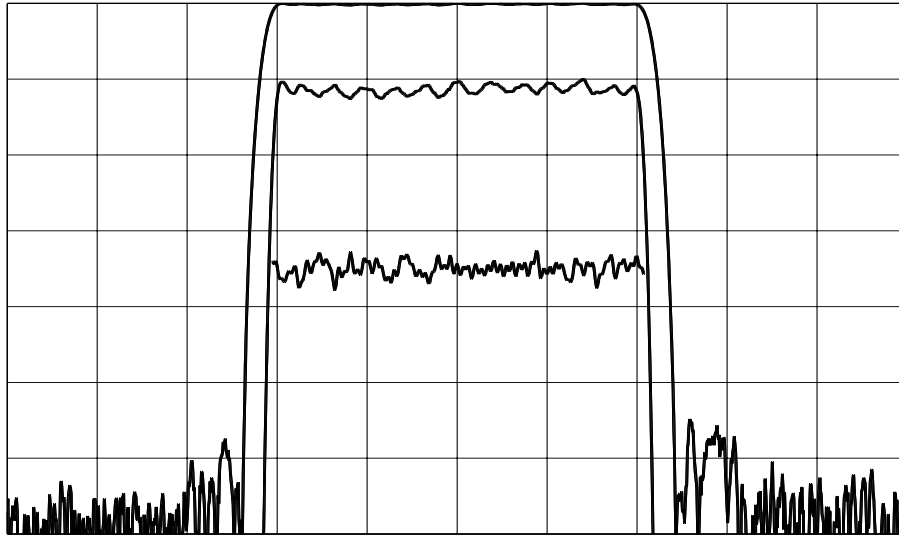


## TYPICAL PERFORMANCE



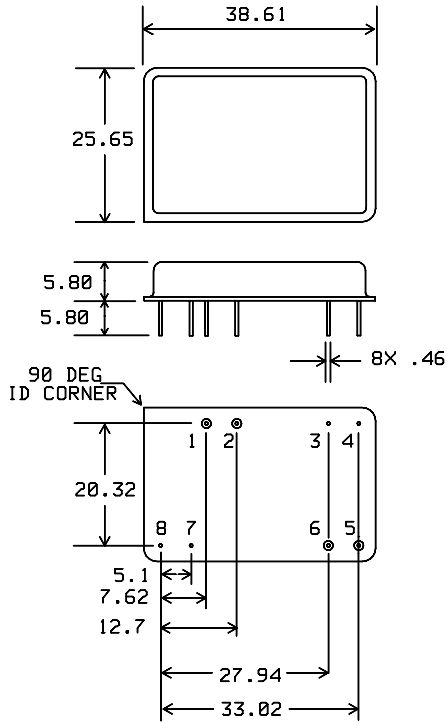
Horizontal: 2.5 MHz/div

 Vertical (from top): Magnitude 10 dB/div  
 Magnitude 1 dB/div  
 Group Delay 50 ns/div

## SPECIFICATION

Parameter	Min.	Typ.	Max.	Units.
Center Frequency (nom.)		44.10		MHz
Insertion Loss		26.50	30	dB
Lower 3 dB point		38.80	39.025	MHz
Upper 3 dB point	49.025	49.40		MHz
Lower 50 dB point	37.775	38.20		MHz
Upper 50 dB point		50.10	50.275	dB
Rejection ( 10 - 37.775 )	45	55		dB
Rejection( 50.275 - 70)	45	55		dB
Passband Amplitude Ripple		0.3	0.6	dB
Passband Phase Ripple		3	5	deg p-p
Passband GD Ripple		40	75	ns p-p
Absolute Delay		2.9		us
Ambient Temperature		25		° C
Temperature Coefficient		-80		ppm / ° C
Substrate Material	128 Lithium Niobate			

**PACKAGE OUTLINE**

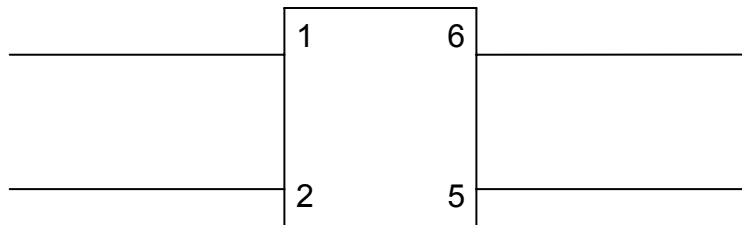


**Units:** mm

**Pin Configuration:**

- Input: 1
- Input Return: 2
- Output: 6
- Output Return: 5
- Ground: All other pins.

**MATCHING CIRCUIT**



No matching required

ISO 9001  
Registered