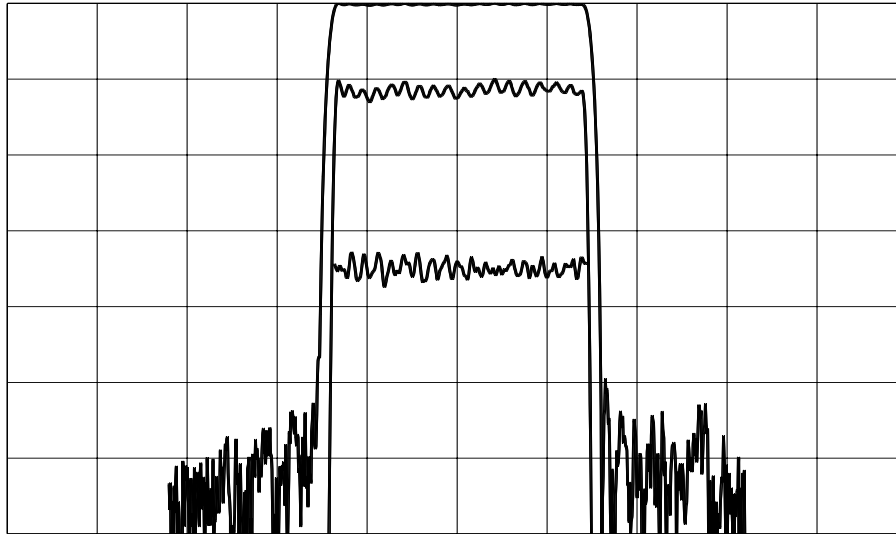


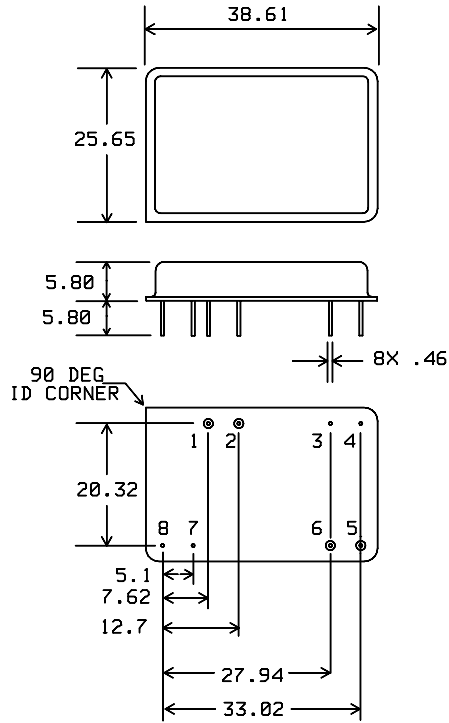
**TYPICAL PERFORMANCE**


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.
F_visual		32.7		MHz
F_color		38.7		MHz
F_audio		39.2		MHz
Center Frequency ( Nominal)		35.375		MHz
Insertion Loss	27		30	dB
1 dB Lower Band Edge			31.95	MHz
1 dB Upper Band Edge	38.8			MHz
Passband Ripple( 32.0 - 38.75 )		0.25	0.5	dB p-p
Phase Ripple( 32.0 - 38.75 )			6	deg p-p
GD Ripple( 32.0 - 38.75 )		25	50	ns p-p
Rejection (10 - 30.00 MHz)	45	55		dB
Rejection at 31.5 MHz	18			dB
Rejection at 39.25 MHz	22			dB
Rejection ( 39.5 - 70.0 MHz)	45	50		dB
Rejection ( 70.0 - 200 MHz)	10			dB
2T Pulse K Factor		1	1.8	%
Absolute Delay	4		5	us
Ambient Temperature		40		° C
Temperature Coefficient		-90		ppm / ° C
Source/Load Impedance		50		Ω
Matching Network	None			
Substrate Material	YZ Lithium Niobate			

**PACKAGE OUTLINE**

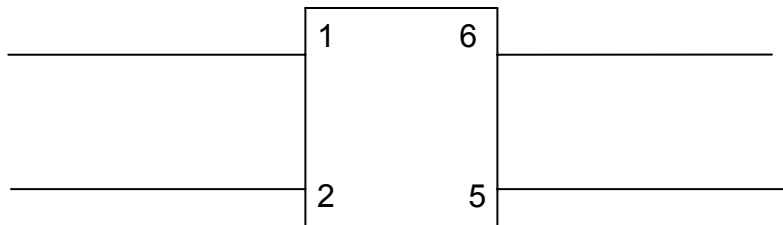


**Units:** mm

**Pin Configuration:**

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

**MATCHING CIRCUIT**



No matching required

ISO 9001  
 Registered