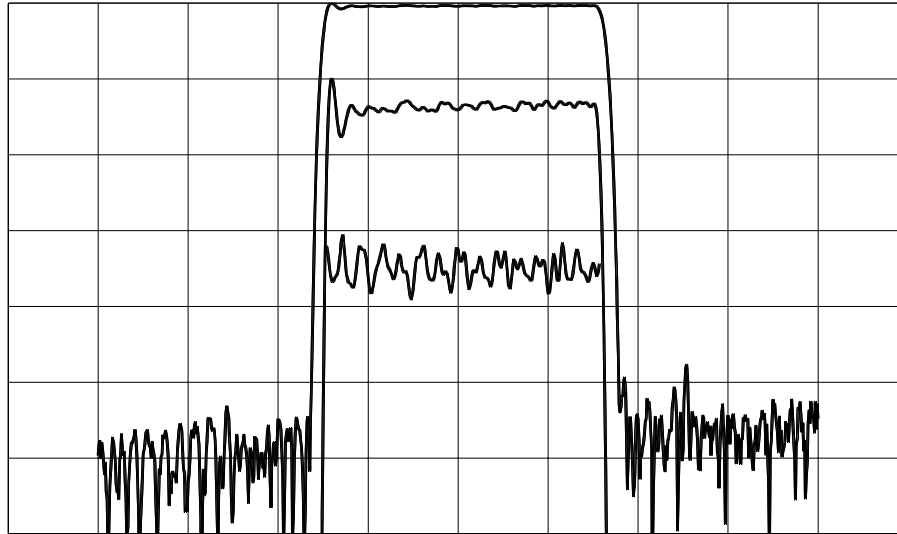


**TYPICAL PERFORMANCE**


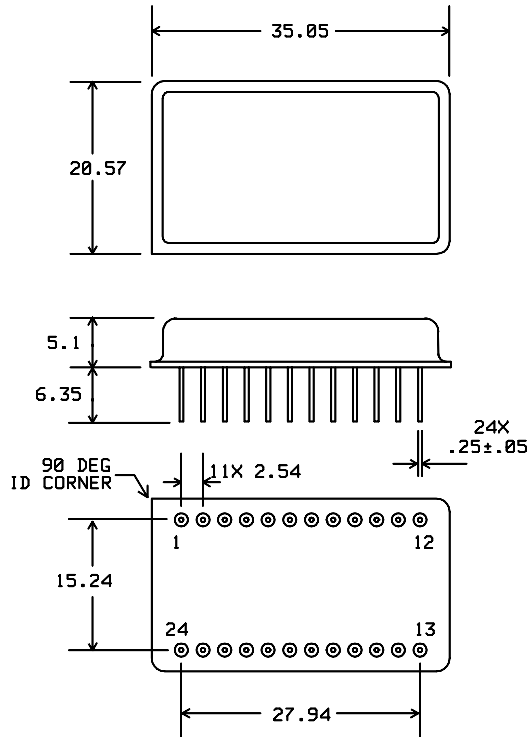
Horizontal: 2.5 MHz/div

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

**SPECIFICATION**

Parameter	Min.	Typical	Max.	Units.
F_visual		38.9		MHz
F_color		32.9		MHz
F_audio		32.4		MHz
Center Frequency ( Nominal)		36		MHz
Insertion Loss	28		32	dB
2 dB Lower band edge			31.95	MHz
2 dB upper band edge	39.35			MHz
Passband Ripple( 32.2 - 39.35 )		0.3	0.8	dB
Phase deviation (32.2 - 39.35)		2.5	8	deg p-p
GD Ripple (32.2 - 39.35)		30	50	ns p-p
Rejection (20 - 31.10)	45	55		dB
Rejection ( 31.1 - 31.3)	52	60		dB
Rejection ( 39.7 - 65.0)	45	55		dB
2T K Factor		1		%
C/L Delay - 12.5 T		5		ns
Delay		4.5		us
Ambient Temperature		40		deg C
Temperature coefficient		-72		ppm/deg C
Source/Load impedance		50		$\Omega$
Tuning	None			
Material	128 Lithium Niobate			

## PACKAGE OUTLINE

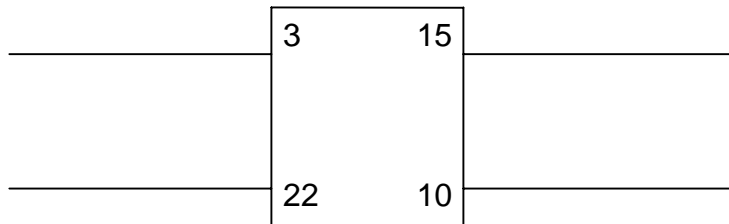


**Units:** mm

**Pin Configuration:**

Input: 3  
 Input Return: 22  
 Output: 15  
 Output Return: 10  
 Ground: All other pins.

## MATCHING CIRCUIT



No matching required

ISO 9001  
Registered

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