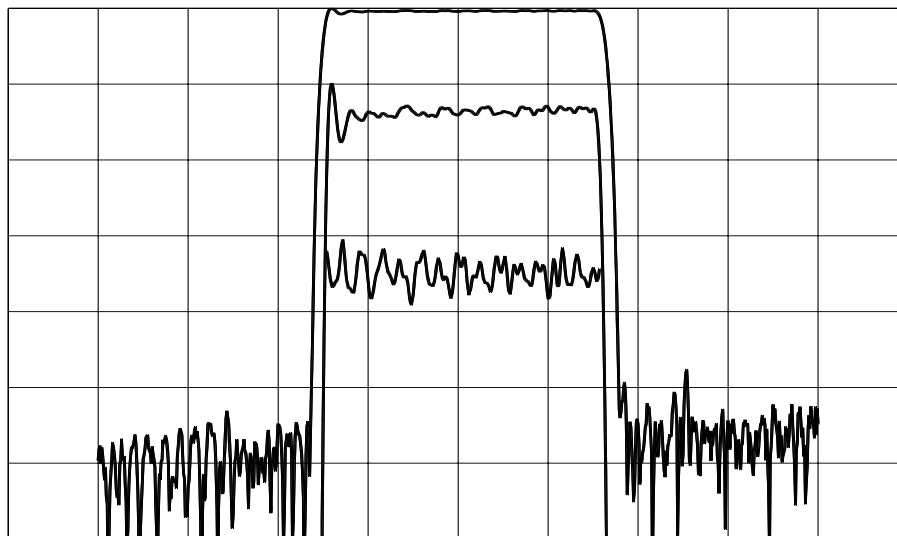




### TYPICAL PERFORMANCE



Horizontal: 2.5 MHz/div

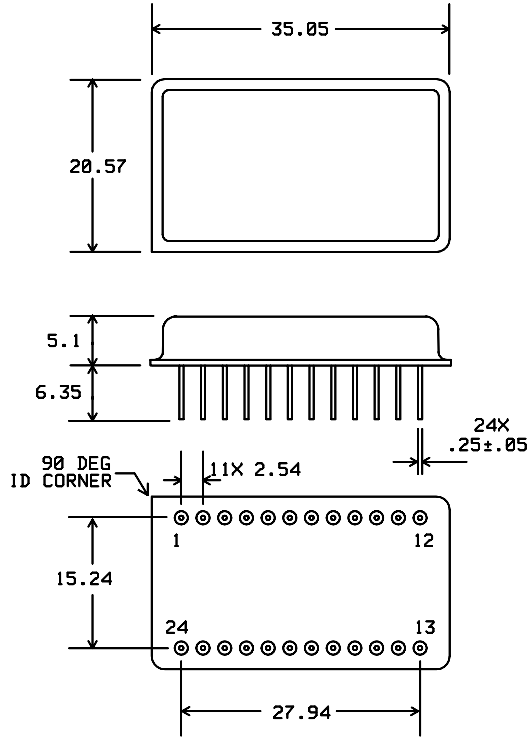
Vertical (from top): Magnitude 10 dB/div  
 Magnitude 1 dB/div  
 Group Delay 50 ns/div

### SPECIFICATION

Parameter	Min.	Typ.	Max.	Units.
F_visual		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 ( 40.35 - 65.0)	45	55		dB
2T K Factor		1		%
C/L Delay - 12.5 T		5		ns
Delay		4.5		us
Ambient Temperature		40		° C
Temperature Coefficient		-80		ppm / ° C
Source/Load Impedance		50		Ω
Matching Network	None			
Material	128 Lithium Niobate			



**PACKAGE OUTLINE**

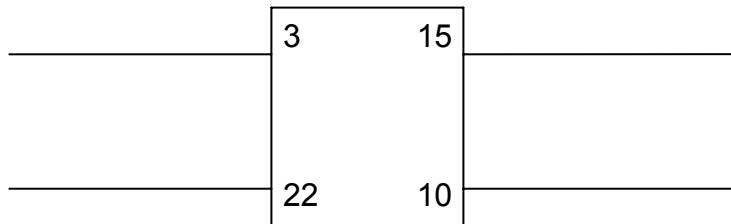


**Units:** mm

**Pin Configuration:**

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

**MATCHING CIRCUIT**



No matching required

