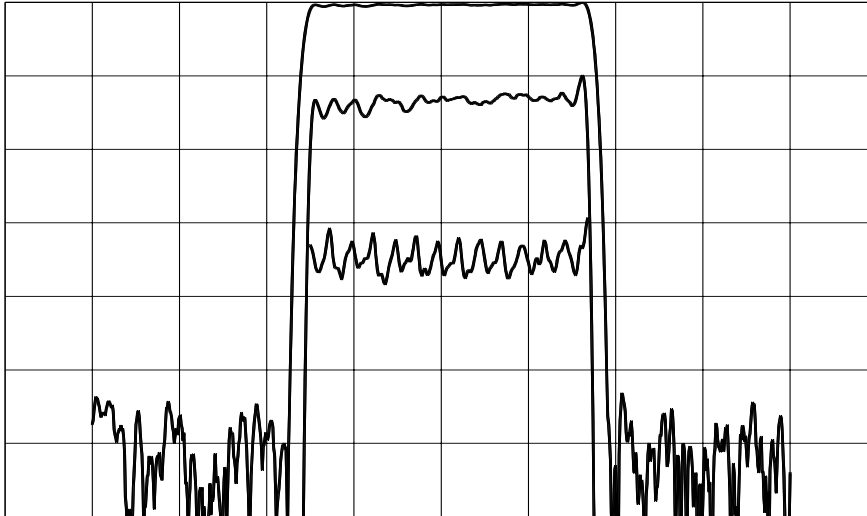


TYPICAL PERFORMANCE



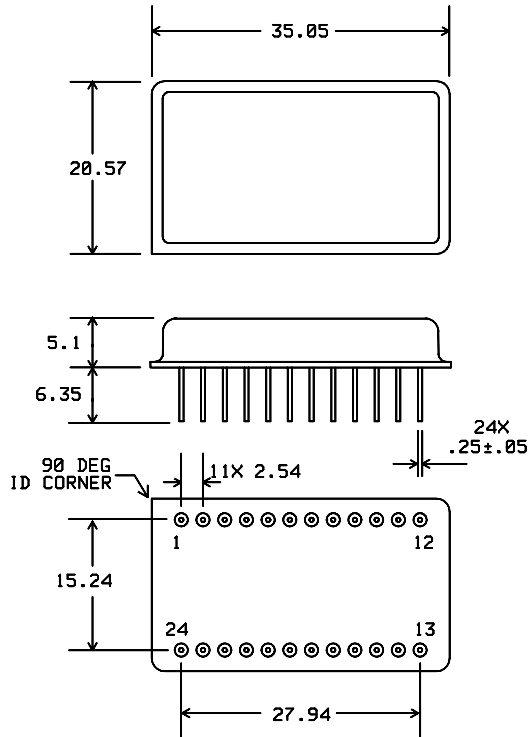
Horizontal: 2.5 MHz/div

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)		36.2		MHz
Insertion Loss	28		32	dB
1 dB Lower Band Edge			32.2	MHz
1 dB Upper Band Edge	40.15			MHz
Passband Ripple(32.3 - 40.1)		0.3	0.5	dB p-p
Phase Deviation (32.3 - 40.1)		3	5	deg p-p
GD Ripple (32.3 - 40.1)		30	50	ns p-p
Rejection (20 - - 29.15)	46	55		dB
Rejection (29.15 - 31.70)	30	50		dB
Rejection (40.65 - 42.0)	30	50		dB
Rejection (42.0 - 65.0)	46	55		dB
2T K Factor		1	1.5	%
2T Pulse and Bar		0.7	1.5	%
Absolute Delay		4		us
Ambient Temperature		50		° C
Temperature Coefficient		-80		ppm / ° C
Source/Load Impedance		50		Ω
Matching Network	None			
Substrate Material	128 Lithium Niobate			

PACKAGE OUTLINE

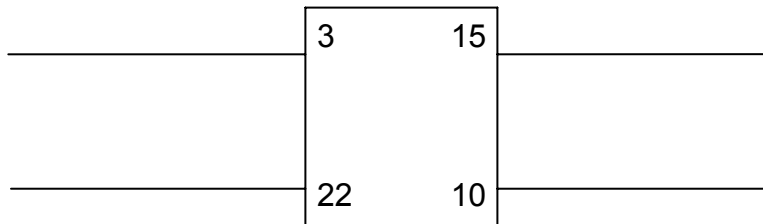


Units: mm

Pin Configuration:

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

MATCHING CIRCUIT



No matching required

ISO 9001
Registered