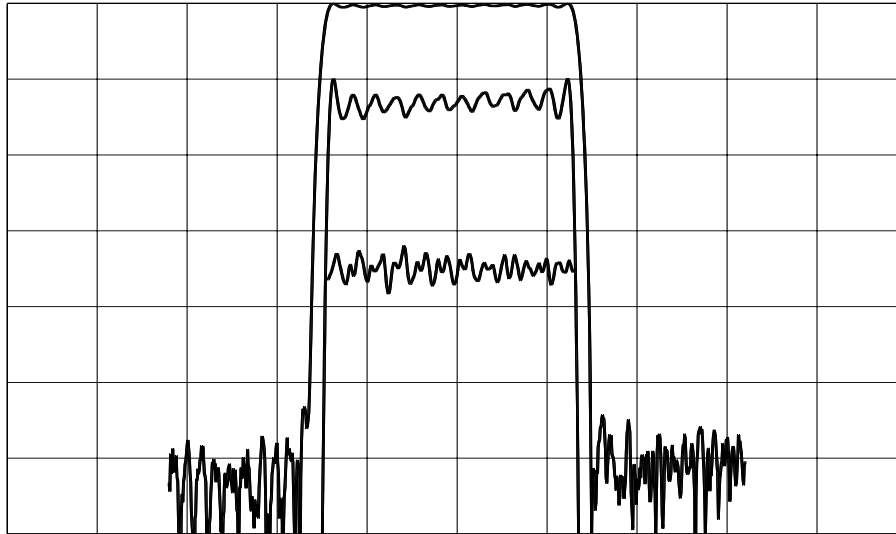


TYPICAL PERFORMANCE



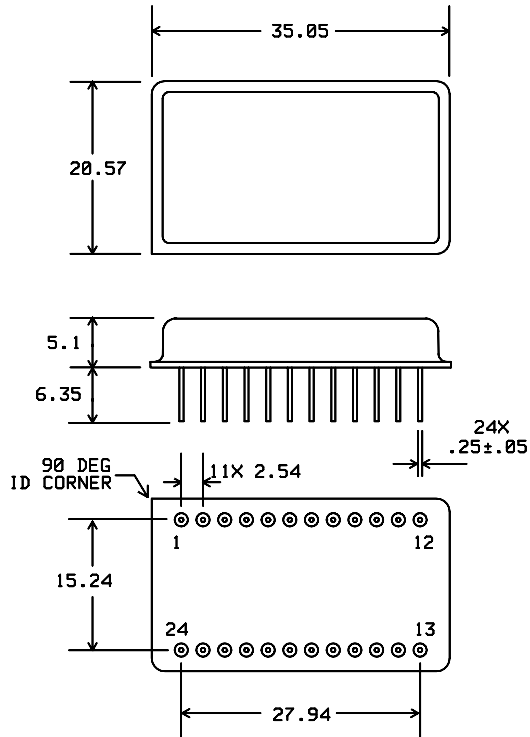
Horizontal: 2.5 MHz/div

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

SPECIFICATION

Parameter	Min.	Typical	Max.	Units.
F_visual		38.9		MHz
F_color		34.5		MHz
F_audio		33.4		MHz
Center Frequency (Nominal)		36		MHz
Insertion Loss		29.5	32	dB
1 dB Lower band edge			32.9	MHz
1 dB upper band edge	39.65			MHz
Passband Ripple(33.15 - 39.4)		0.3	0.5	dB
Phase deviation (32.9 - 39.65)		3	5	deg p-p
GD Ripple (32.9 - 39.65)		40	50	ns p-p
Rejection (20 - 32.0)	45	55		dB
Rejection at 32.4	25	45		dB
Rejection (40.4 - 55.0)	45	55		dB
2T K Factor		0.5		%
Pulse to Bar Ratio		1		%
Absolute Delay		4.5		us
Ambient Temperature	37	40	43	deg C
Temperature coefficient		-72		ppm/° C
Source/Load impedance		50		Ω
Tuning	None			
Substrate Material	128 Lithium Niobate			

PACKAGE OUTLINE

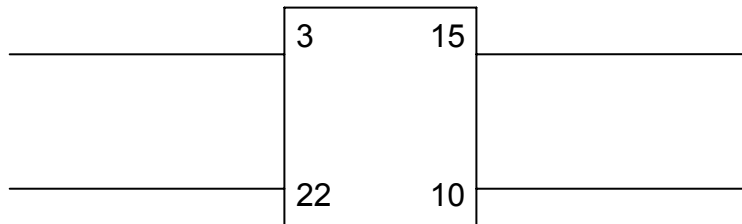


Units: mm

Pin Configuration:

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

MATCHING CIRCUIT



No matching required

