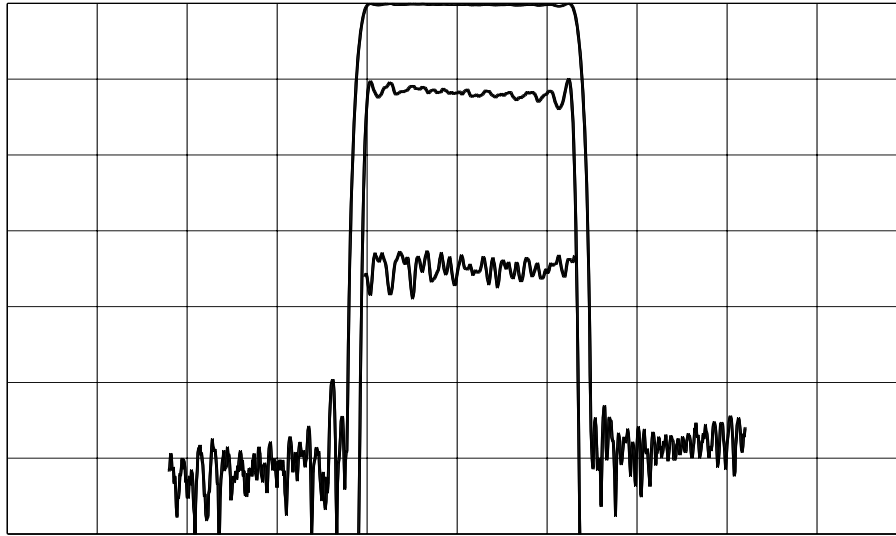




TYPICAL PERFORMANCE



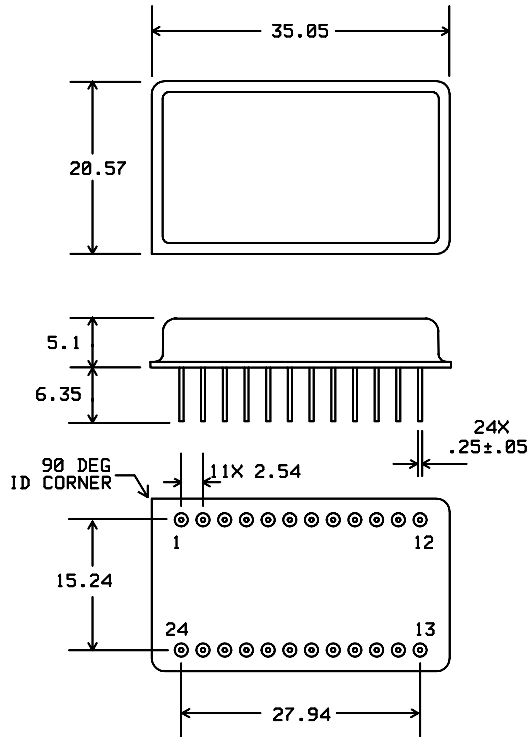
Horizontal: 2.5 MHz/div

 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		34.5		MHz
F_audio		33.4		MHz
Center Frequency (Nominal)		36		MHz
Insertion Loss		27.5	29	dB
1 dB Lower Band Edge			33.9	MHz
1 dB Upper Band Edge	39.65			MHz
Passband Ripple(34.0 - 39.4)		0.3	0.5	dB p-p
Phase Deviation (33.9 - 39.65)		3	5	deg p-p
GD Ripple (33.9 - 39.65)		40	50	ns p-p
Rejection (20 - 32.0)	50	55		dB
Rejection at 33.4	40	45		dB
Rejection at 40.15	40	45		dB
Rejection (40.4 - 55.0)	50	55		dB
2T K Factor		0.5		%
Pulse to Bar Ratio		1.5		%
Absolute Delay		4.5		us
Ambient Temperature	37	40	43	° C
Temperature Coefficient		-80		ppm / ° C
Source/Load Impedance		50		Ω
Matching Network	None			
Substrate Material	128 Lithium Niobate			

PACKAGE OUTLINE

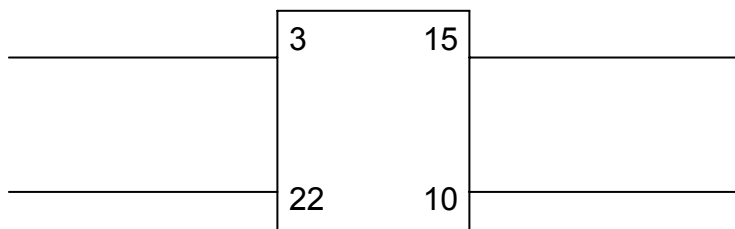


Units: mm

Pin Configuration:

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

MATCHING CIRCUIT



No matching required

ISO 9001
Registered