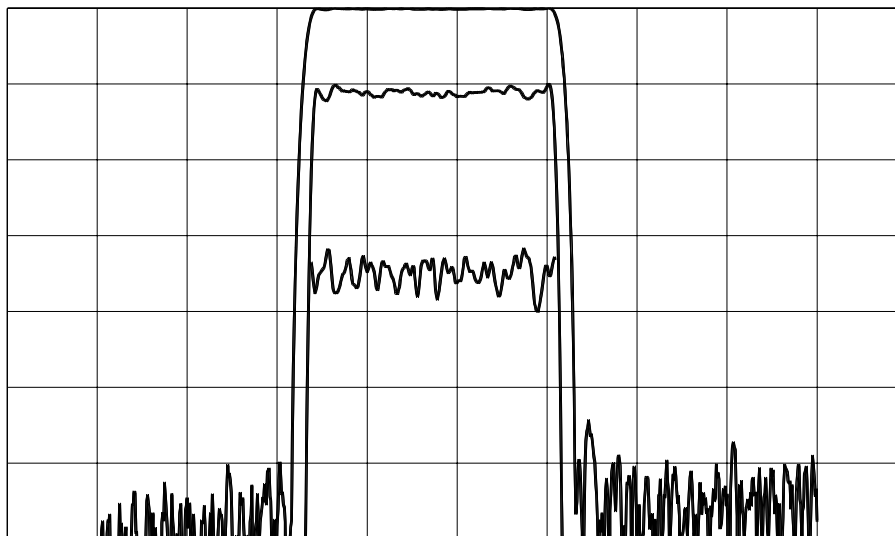


TYPICAL PERFORMANCE



Horizontal: 2.5 MHz/div

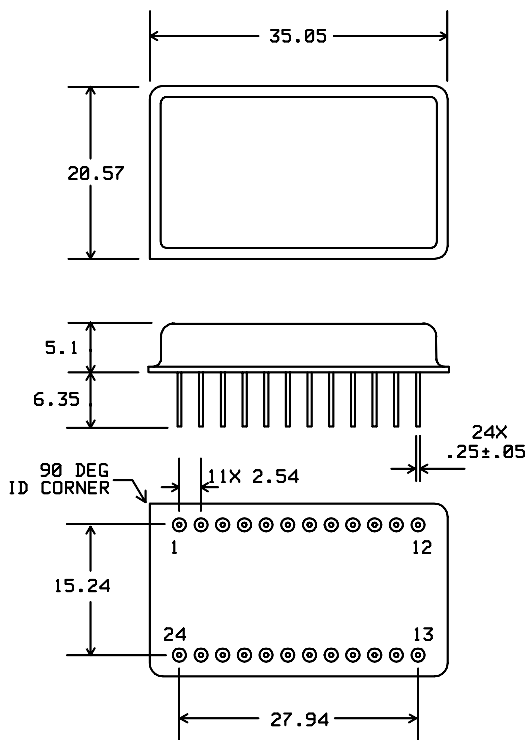
Vertical (from top): Magnitude 10 dB/div
Magnitude 1 dB/div
Group Delay 50 nsec/div

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	38.7			MHz
Passband Ripple(32.7 - 38.7)		0.25	0.8	dB
Phase deviation (32.2 - 38.7)		2.5	8	deg p-p
GD Ripple (32.2 - 38.7)		30	50	ns p-p
Rejection (20 - 31.10)	45	55		dB
Rejection (31.1 - 31.3)	52	60		dB
Rejection (39.4 - 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		Ω
Tuning	None			
Material	128 Lithium Niobate			



PACKAGE OUTLINE

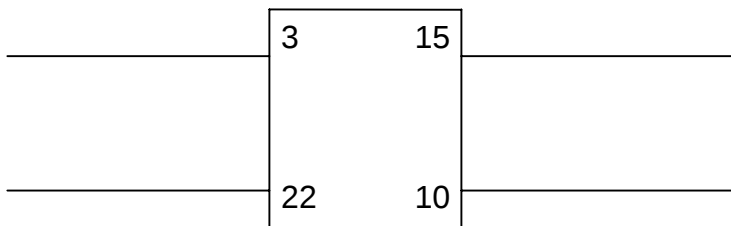


Units: mm

Pin Configuration:

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

MATCHING CIRCUIT



No matching required

**ISO 9001
Registered**

Micro Networks Corporation

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