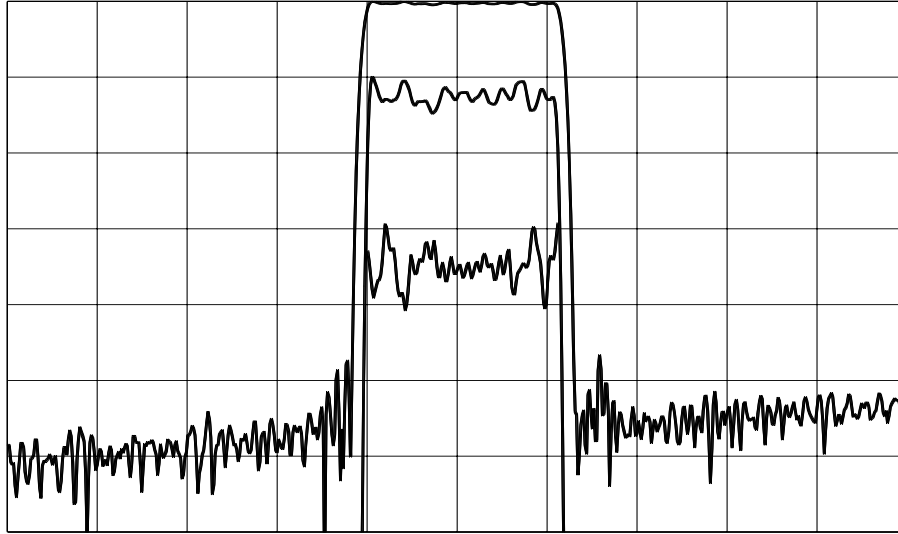




TYPICAL PERFORMANCE



Horizontal: 2.5 MHz/div

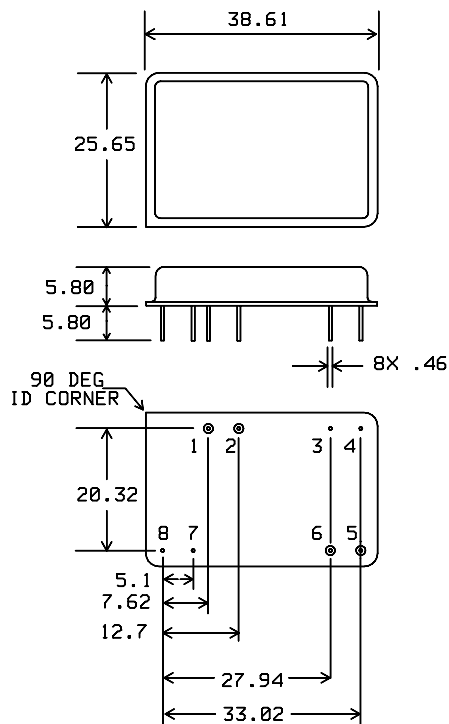
 Vertical (from top): Magnitude 10 dB/div
 Magnitude 1 dB/div
 Group Delay 50 ns/div

SPECIFICATION

Parameter	Min.	Typical	Max.	Units.
F_visual		45.75		MHz
F_color		42.17		MHz
F_audio		41.25		MHz
Center Frequency (Nominal)		43.85		MHz
Insertion Loss	27		30	dB
1 dB Lower band edge			41.25	MHz
1 dB upper band edge	46.45			MHz
Passband Ripple(41.35 - 46.35)		0.5	0.6	dB
Phase deviation (41.25-46.5)		3	5	deg p-p
GD Ripple (41.25 - 46.5)		55	70	ns p-p
Rejection (20 - 39.8)	50	55		dB
Rejection (39.8 - 40.75)	45	50		dB
Rejection (47.0 - 47.25)	50	55		dB
Rejection (48.0 - 80.0)	50	55		dB
2T K Factor		0.6		%
Pulse to Bar Ratio		3		%
Absolute Delay	4		5	us
Ambient Temperature		25		deg C
Temperature coefficient		-96		ppm/° C
Source/Load impedance		50		Ω
Tuning	None			
Substrate Material	YZ Lithium Niobate			



PACKAGE OUTLINE

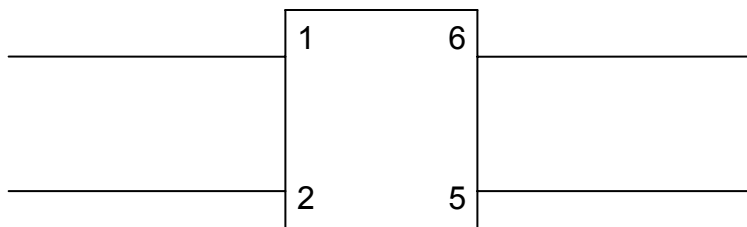


Units: mm

Pin Configuration:

Input: 1
Input Return: 2
Output: 6
Output Return: 5
Ground: All other pins.

MATCHING CIRCUIT



No matching required

ISO 9001
Registered

Micro Networks

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