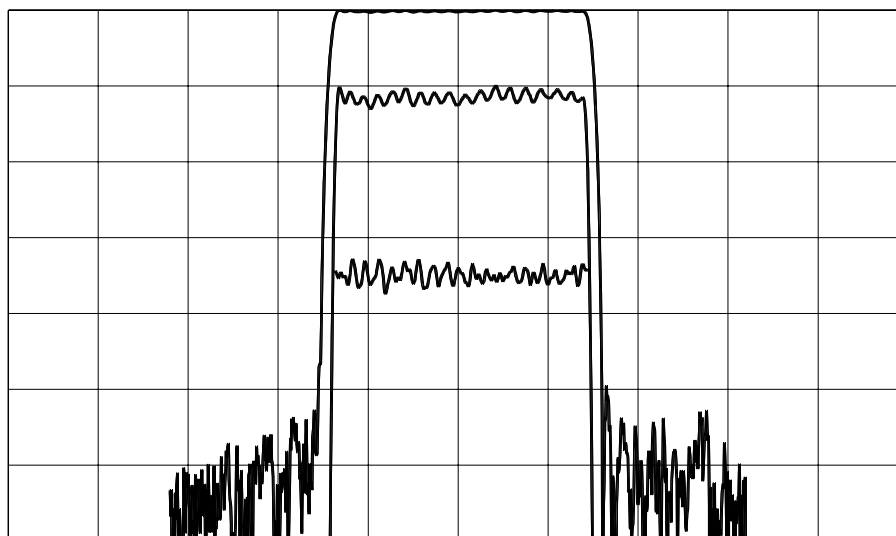


TYPICAL PERFORMANCE



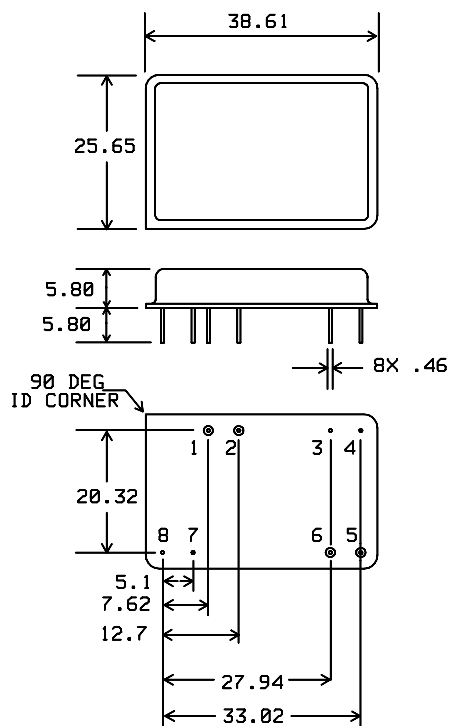
Horizontal: 2.5 MHz/div

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

SPECIFICATION

Parameter	Min.	Typical	Max.	Units.
F_visual		32.7		MHz
F_color		38.7		MHz
F_audio		39.2		MHz
Center Frequency (Nominal)		35.375		MHz
Insertion Loss	27		30	dB
1 dB Lower band edge			31.95	MHz
1 dB upper band edge	38.8			MHz
Passband Ripple(32.0 - 38.75)		0.25	0.5	dB
Phase Ripple(32.0 - 38.75)			6	deg p-p
GD Ripple(32.0 - 38.75)		25	50	ns p-p
Rejection (10 - 30.00 MHz)	45	55		dB
Rejection at 31.5 MHz	18			dB
Rejection at 39.25 MHz	22			dB
Rejection (39.5 - 70.0 MHz)	45	50		dB
Rejection (70.0 - 200 MHz)	10			dB
2T Pulse K Factor		1	1.8	%
Delay	4		5	us
Ambient Temperature		40		deg C
Temperature coefficient		-96		ppm/deg C
Source/Load impedance		50		Ω
Tuning	None			
Material	YZ Lithium Niobate			

PACKAGE OUTLINE

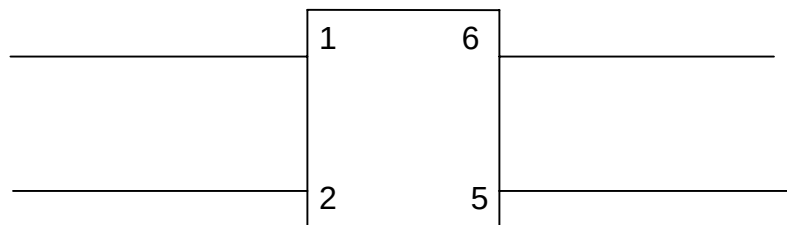


Units: mm

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 Corporation

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