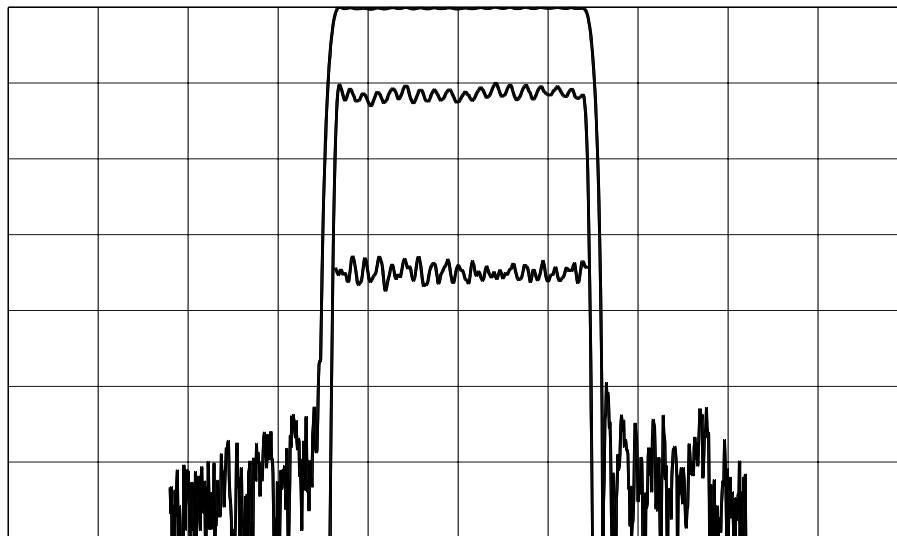




TYPICAL PERFORMANCE



Horizontal: 2.5 MHz/div

Vertical (from top):

Magnitude

10

dB/div

Phase Deviation

1

deg/div

Group Delay Deviation

50

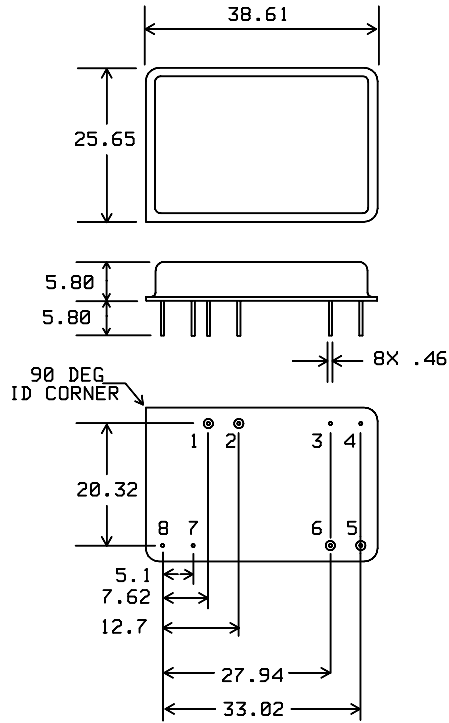
ns/div

SPECIFICATION

Parameter	Min.	Typ.	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 p-p
Phase Ripple(32.0 - 38.75)			6	deg p-p
GD Ripple(32.0 - 38.75)		25	50	ns p-p
Rejection (10 - 31.25 MHz)	45	55		dB
Rejection (31.25 - 31.5 MHz)	18			dB
Rejection (39.25 - 39.5 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	%
Absolute Delay	4		5	us
Ambient Temperature		40		° C
Temperature Coefficient		-90		ppm / ° C
Source/Load Impedance		50		Ω
Matching Network	None			
Substrate Material	YZ Lithium Niobate			



PACKAGE OUTLINE



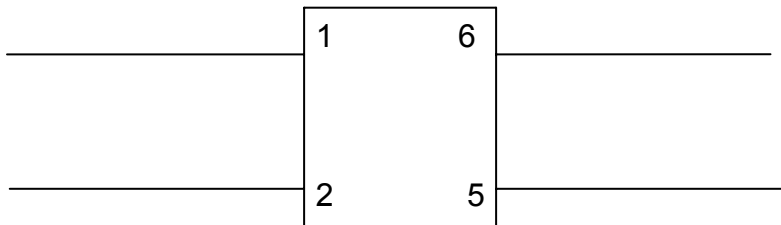
Units: mm

Pin Configuration:

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

MATCHING CIRCUIT

No matching required



ISO 9001
Registered