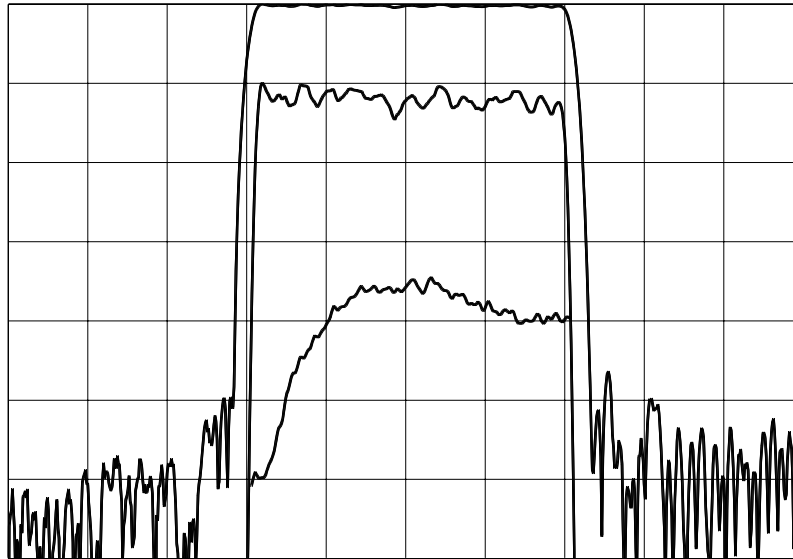



TYPICAL PERFORMANCE


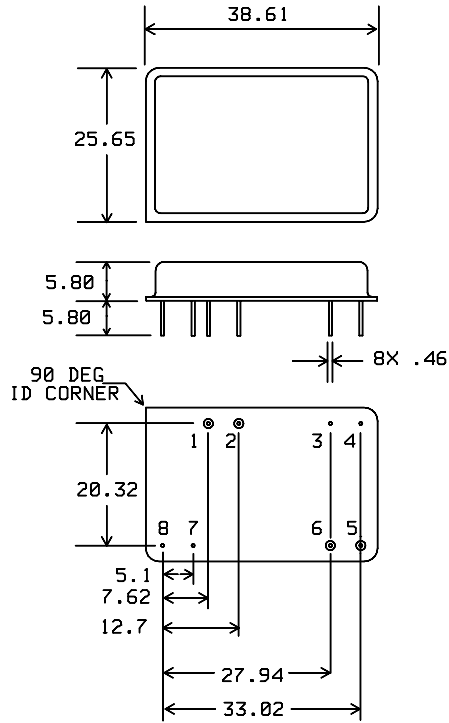
Horizontal: 1.5 MHz/div

 Vertical (from top): Magnitude 10 dB/div
 Magnitude 1 dB/div
 Group Delay 200 ns/div

SPECIFICATION

Parameter	Min.	Typ.	Max.	Units.
F_visual		38.9		MHz
F_color		34.47		MHz
F_audio		33.5		MHz
Center Frequency (Nominal)		36.7		MHz
Insertion Loss		27	30	dB
1 dB Lower band edge			33.9	MHz
1 dB upper band edge	39.65			MHz
Passband Ripple(34.05 - 39.5)		0.4	0.6	dB p-p
Group Delay response at:				
38.90 MHz	-25	0	25	ns
37.90 MHz	28	53	78	ns
36.90 MHz	65	90	115	ns
35.90 MHz	50	75	100	ns
35.15 MHz	-25	0	25	ns
34.47 MHz	-210	-170	-140	ns
34.10 MHz	-450	-400	-350	ns
Rejection (10 - 31.90)	45	50		dB
Rejection (31.9 - 33.4)	40	50		dB
Rejection (40.4 - 70.0)	45	50		dB
Rejection (40.15 - 40.4)	40	45		dB
Ambient Temperature		50		° C
Temperature coefficient		-94		ppm / ° C
Source/Load impedance		50		Ω
Tuning	None			
Substrate Material	YZ Lithium Niobate			

PACKAGE OUTLINE

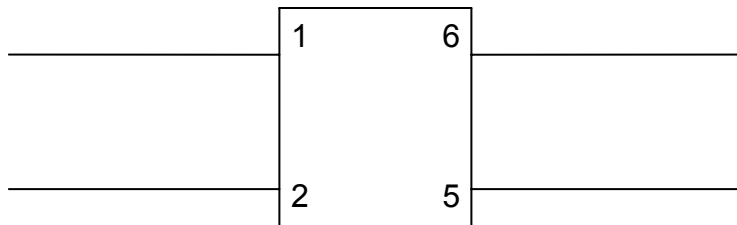


Units: mm

Pin Configuration:

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

MATCHING CIRCUIT



No matching required

ISO 9001
Registered