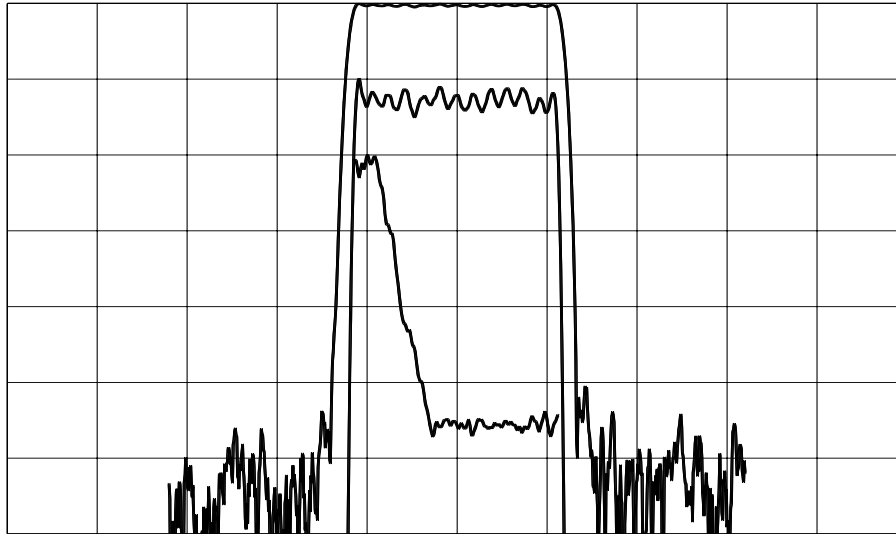




TYPICAL PERFORMANCE



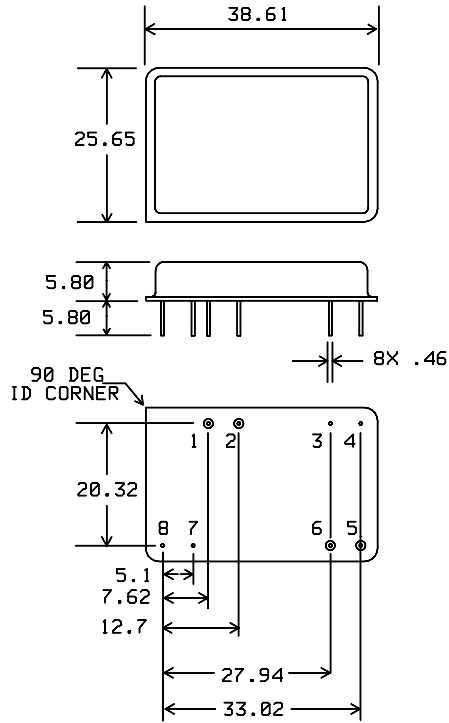
Horizontal: 2.5 MHz/div

 Vertical (from top): Magnitude 10 dB/div
 Magnitude 1 dB/div
 Group Delay 100 ns/div

SPECIFICATION

Parameter	Min.	Typ.	Max.	Units.
F_visual		45.75		MHz
F_color		42.17		MHz
F_audio		41.25		MHz
Center Frequency (Nominal)		43.875		MHz
Insertion Loss		28	30	dB
1.5 dB Lower Band Edge			41.25	MHz
1.5 dB Upper Band Edge	46.5			MHz
Passband Ripple(34.21 - 39.594)		0.4	0.7	dB p-p
Group Delay response at:				
46.5 MHz	-25	0	25	ns
45.75 - Reference		0		ns
43.0 MHz	-25	0	25	ns
42.17 MHz	-190	-160	-130	ns
41.55 MHz	-380	-330	-280	ns
Rejection at 40.0 MHz	20	45		dB
Rejection (10 - 39.75 MHz)	45	50		dB
Rejection at 47.0 MHz	20	40		dB
Rejection (47.25 - 70.0 MHz)	43	45		dB
Ambient Temperature		50		° C
Temperature Coefficient		-90		ppm / ° C
Source/Load Impedance		50		Ω
Matching Network		None		
Substrate Material		YZ Lithium Niobate		

PACKAGE OUTLINE

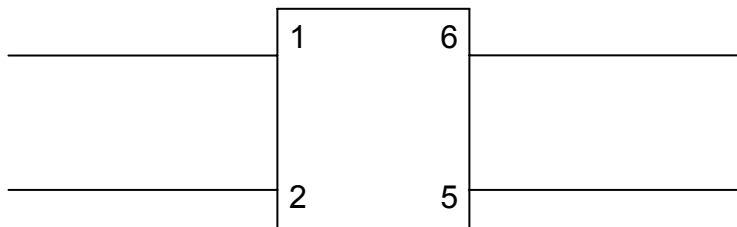


Units: mm

Pin Configuration:

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

MATCHING CIRCUIT



No matching required

ISO 9001
Registered