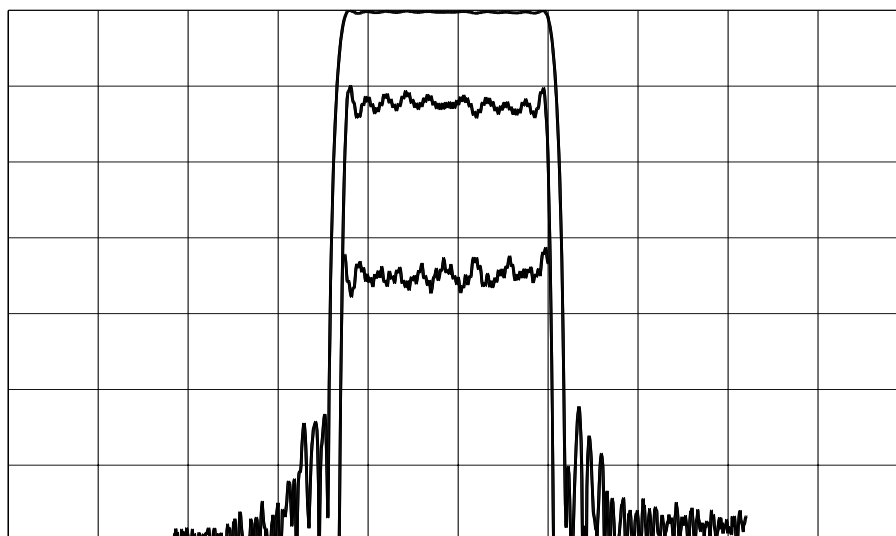




TYPICAL PERFORMANCE



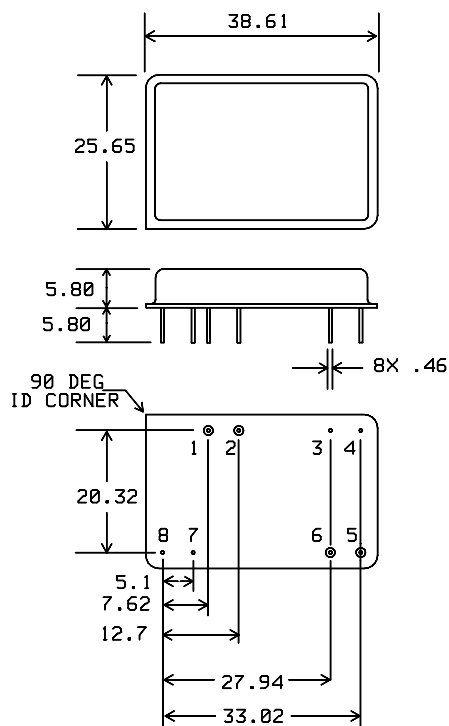
Horizontal: 2.5 MHz/div

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

SPECIFICATION

Parameter	Min.	Typ.	Max.	Units.
F_visual		45.75		MHz
F_color		42.17		MHz
F_audio		41.25		MHz
Center Frequency (Nominal)		43.7		MHz
Insertion Loss		22	25	dB
1 dB Lower Band Edge			40.9	MHz
1 dB Upper Band Edge	46.5			MHz
Passband Ripple(41.15 - 46.4)		0.5	1	dB
Phase Deviation (41.15-46.4)		3	6	deg p-p
GD Ripple (41.15 - 46.4)		50	70	ns p-p
Rejection (20 - 39.75)	50	55		dB
Rejection at 47.0	40	50		dB
Rejection (47.25 - 65.0)	50	55		dB
2T K Factor		0.55		%
Pulse to Bar Ratio		1.2		%
Absolute Delay		5		us
Ambient Temperature		25		° C
Operating Temperature range	10		70	° C
Temperature Coefficient		-90		ppm / ° C
Source/Load Impedance		50		Ω
Matching Network	None			
Substrate Material	YZ Lithium Niobate			

PACKAGE OUTLINE

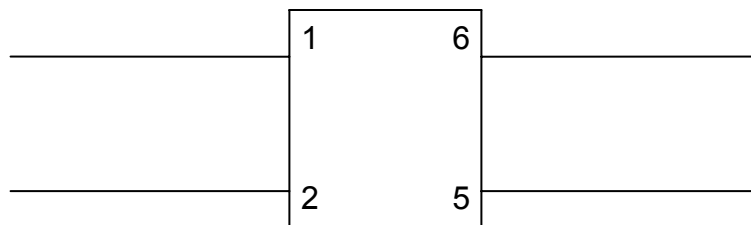


Units: mm

Pin Configuration:

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

MATCHING CIRCUIT



No matching required

ISO 9001
Registered