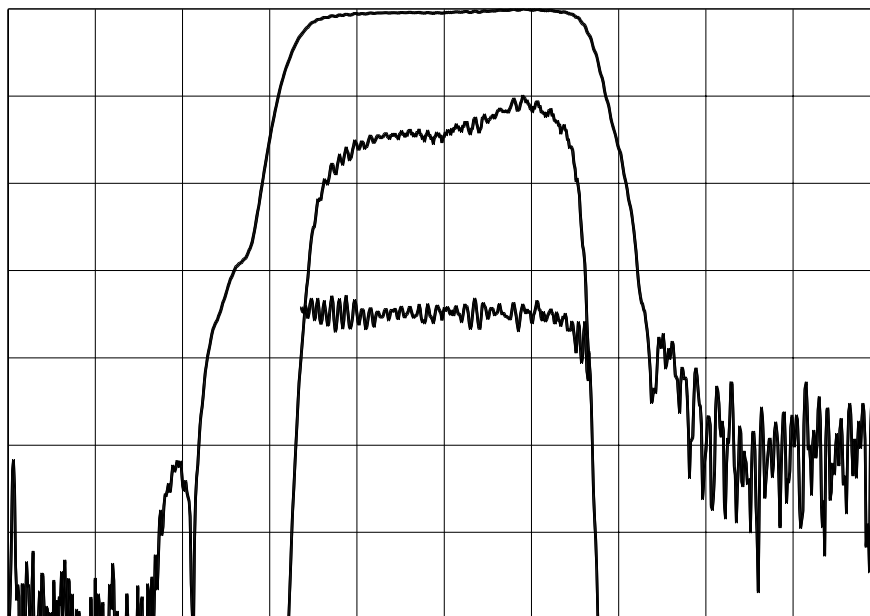




TYPICAL PERFORMANCE



Horizontal: 10 MHz/div

Vertical (from top):

Magnitude

10 dB/div

Magnitude

1 dB/div

Group Delay

50 ns./div

SPECIFICATION

Parameter	Min.	Typ.	Max.	Units.
Center Frequency (Fc) ¹	69.8	70.0	70.2	MHz
Insertion Loss at Fc		23.0	24	dB
1 dB Bandwidth	29.0	30.4		MHz
3 dB Bandwidth	32.0	33.4		MHz
35 dB Bandwidth		50.9	51	MHz
Passband Ripple		0.3	1.0	dB p-p
Phase Ripple ²		6	7	deg p-p
Group Delay Ripple ²		25	30	ns p-p
Absolute Delay		2		us
Rejection (20 - 40 MHz)	45	50		dB
(100 - 120 MHz)	40	45		dB
Substrate Material	128 Lithium Niobate			
Ambient Temperature		25		° C

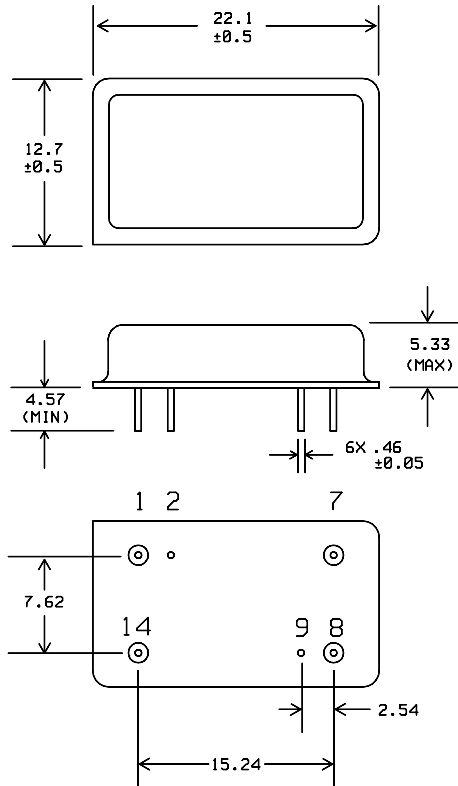
Notes:

1: Mean Value of 3 dB points

2: Measured Over 1 dB Bandwidth



PACKAGE OUTLINE

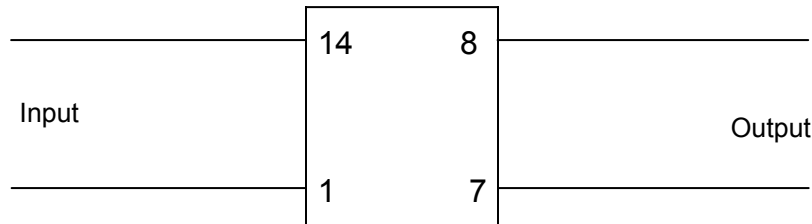


Units: mm

Pin Configuration:

Input: 14
Input Return: 1
Output: 8
Output Return: 7
Ground: 2, 9

MATCHING CIRCUIT



No matching required.

ISO 9001
Registered

Micro Networks

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