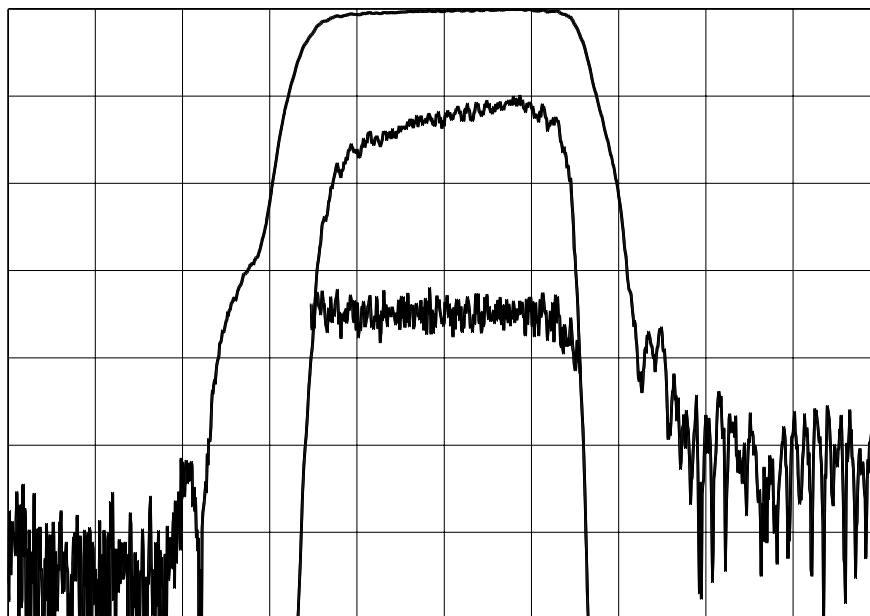




TYPICAL PERFORMANCE



Horizontal: 10 MHz/div

Vertical (from top):

Magnitude

10 dB/div

Magnitude

1 dB/div

Group Delay

50 ns./div

SPECIFICATION

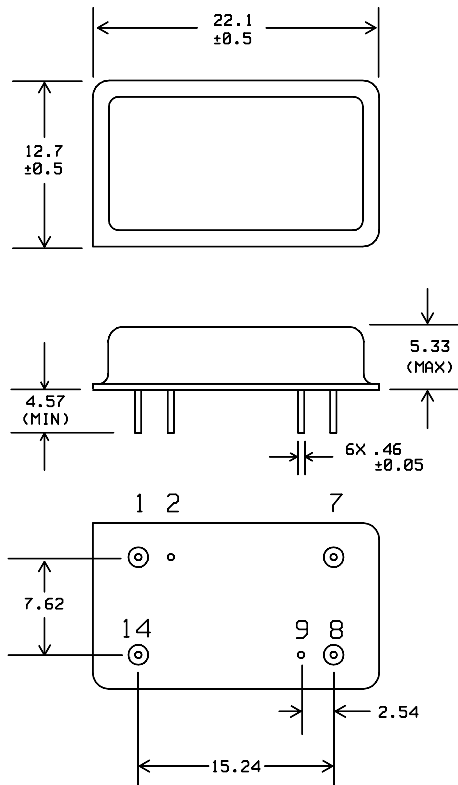
Parameter	Min.	Typ.	Max.	Units.
Center Frequency (Fc) ¹	69.8	70.0	70.2	MHz
Insertion Loss at Fc		22.5	23.5	dB
1 dB Bandwidth	26.3	27.9		MHz
3 dB Bandwidth	30.0	31.0		MHz
40 dB Bandwidth		48.3	49.5	MHz
Passband Ripple		0.3	1.0	dB p-p
Phase Ripple		4	5	deg p-p
Group Delay Ripple		20	40	ns p-p
Absolute Delay		2		us
Ultimate Rejection	45	50		dB
Substrate Material	128 Lithium Niobate			
Ambient Temperature		25		° C

Notes:

1: Mean Value of 3 dB points



PACKAGE OUTLINE

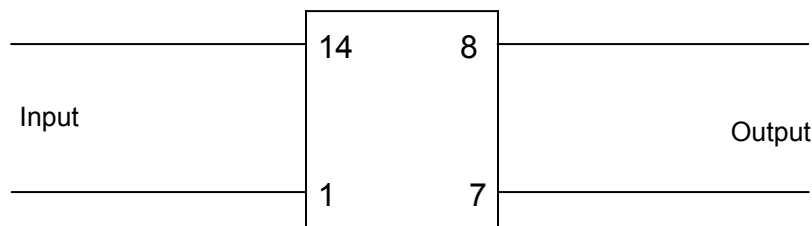


Units: mm

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

Worldwide Headquarters: 324 Clark Street Worcester, MA 01606. tel: 508-852-5400 fax: 508-852-8456
European Sales Headquarters: Hertosingel 20 6214 AD Maastricht, Netherlands. tel: +31-43-32-70912 fax: +31-43-32-70715
www.micronetworks.com