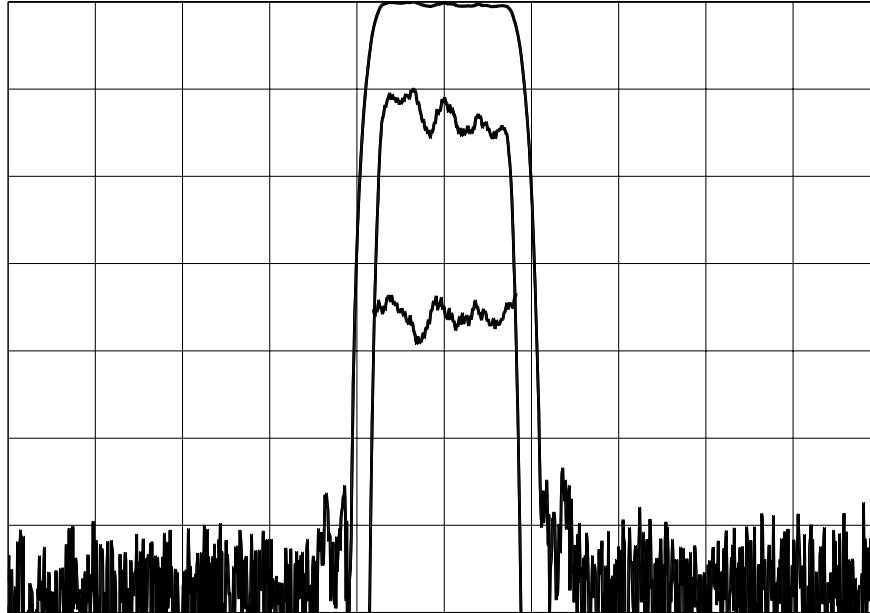


Micro Networks., 324 Clark Street, Worcester, MA 01606, USA tel: 508-852-5400, fax:508-852-8456, www.micronetworks.com

TYPICAL PERFORMANCE



Horizontal: 5.0 MHz/div Vertical (from top): Magnitude 10 dB/div
 Magnitude 1 dB/div
 Phase 5 deg/div

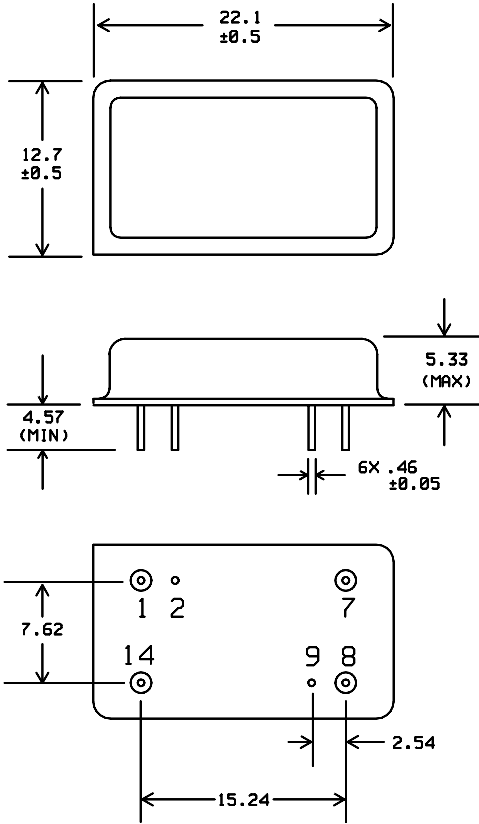
SPECIFICATION

Parameter	Min.	Typ.	Max.	Units.
Center Frequency (Fc) ¹	69.89	70.0	70.11	MHz
Insertion Loss at Fc		23.5	24	dB
1 dB Bandwidth	7.5	7.6		MHz
3 dB Bandwidth	8	8.2		MHz
40 dB Bandwidth		10.5	10.6	MHz
Passband Ripple		0.5	0.8	dB p-p
Phase Ripple		2	4	deg p-p
Group Delay Ripple ²		40	60	ns p-p
Absolute Delay		1.8		us
Ultimate Rejection	50	60		dB
Substrate Material	YZ Lithium Niobate			
Ambient Temperature		25		° C

Notes:

- 1: Mean Value of 3 dB points
- 2: A smoothing aperture of 250 kHz may be applied to Group Delay Ripple measurement

PACKAGE OUTLINE

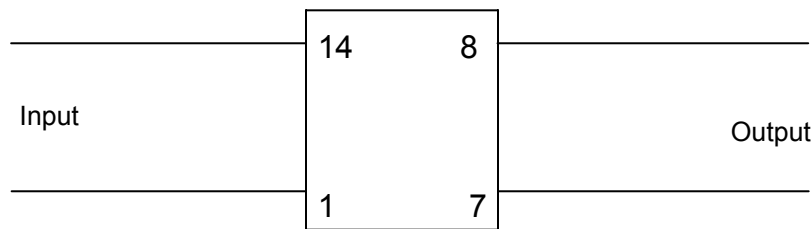


Units: mm

Pin Configuration:

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

MATCHING CIRCUIT



No Matching required

ISO 9001
 Registered