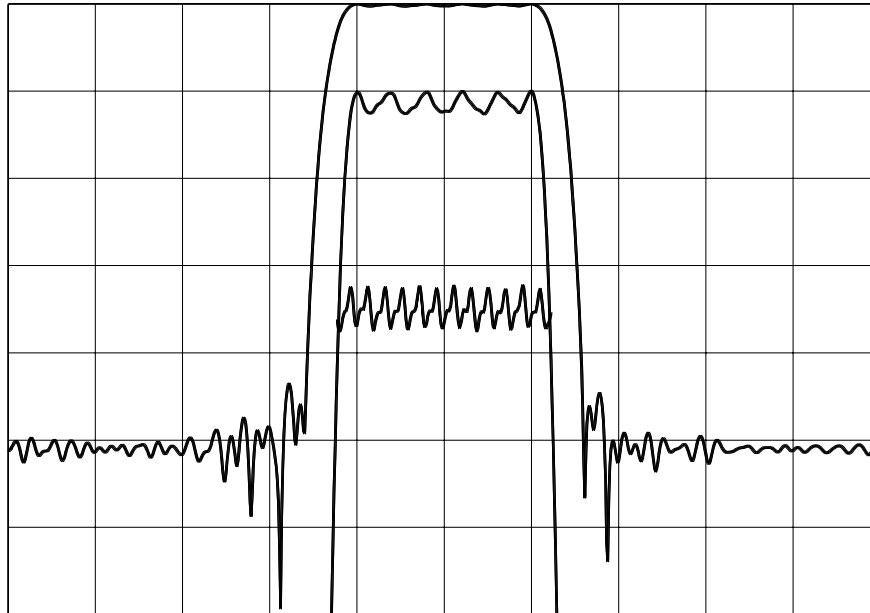


Micro Networks., 324 Clark Street, Worcester, MA 01606, USA tel: 508-852-5400, fax:508-852-8456, www.micronetworks.com

TYPICAL PERFORMANCE



Horizontal: 4.0 MHz/div Vertical (from top): Magnitude 10 dB/div
 Magnitude 1 dB/div
 Group Delay 20 ns./div

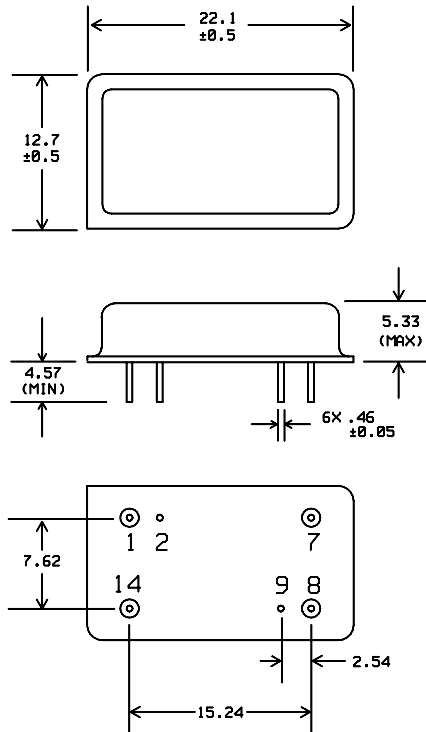
SPECIFICATION

Parameter	Min.	Typ.	Max.	Units.
Center Frequency (Fc) nominal		130.0		MHz
Insertion Loss ¹		27	30	dB
Amplitude Ripple (over Fc ± 4.3 MHz)		0.5	0.8	dB p-p
Group Delay Ripple (over Fc ± 4.0 MHz)		10	25	ns p-p
1 dB Lower Band Edge		125.5	125.7	MHz
1 dB Upper Band Edge	134.3	134.5		MHz
40 dB Lower Band Edge	123.5	123.7		MHz
40 dB Upper Band Edge		136.3	136.5	MHz
Rejection (70-123.5 & 136.5-210) MHz	40	45		dB
Absolute Delay		1.27		us
Maximum input Power			10	dBm
Operating Temperature Range	-10		50	° C
Source / Load Impedance		50		Ω
Temperature Coefficient of Frequency		-18		ppm/° C
Substrate Material		112 Lithium Tantalate		

Notes:

1: Mean value over Fc ± 4.0 MHz

PACKAGE OUTLINE

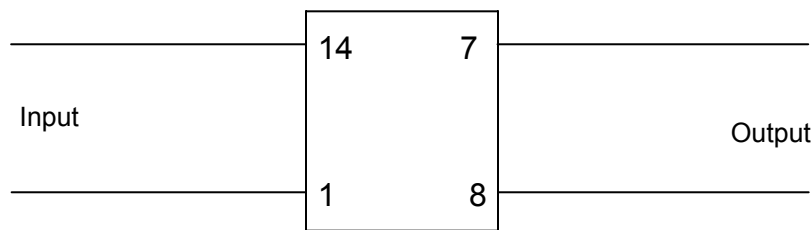


Units: mm

Pin Configuration:

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

MATCHING CIRCUIT



No Matching required

ISO 9001
Registered