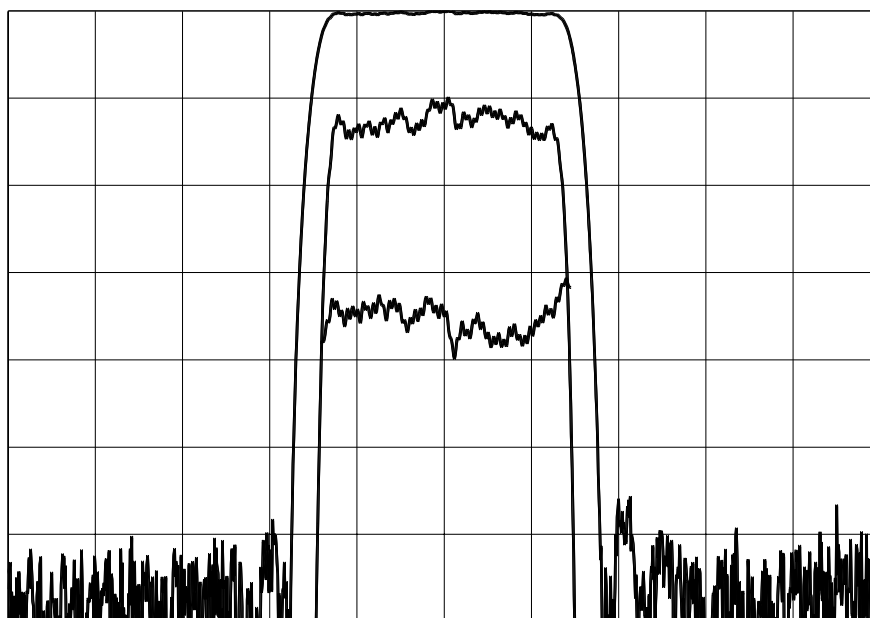


TYPICAL PERFORMANCE



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

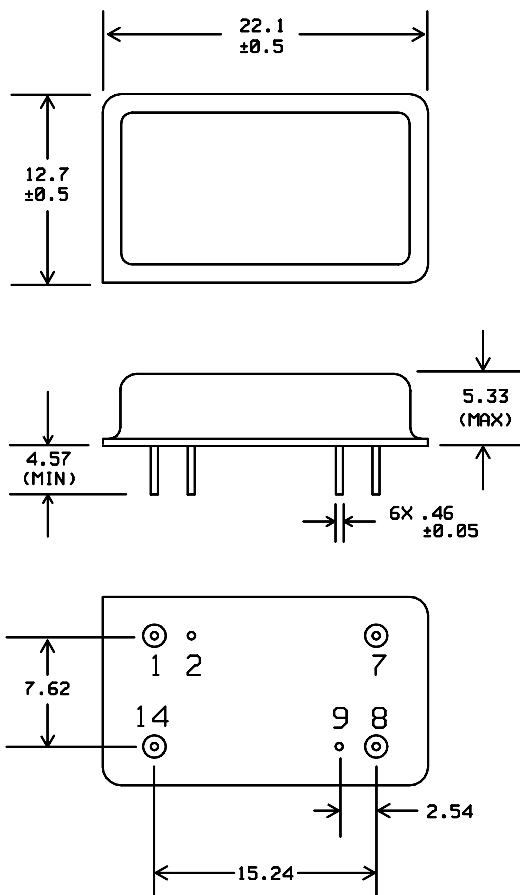
SPECIFICATION

Parameter	Min.	Typ.	Max.	Units.
Center Frequency (Fc) ¹	139.8	140.0	140.2	MHz
Insertion Loss at Fc		21.0	24	dB
1 dB Bandwidth	13.2	13.4		MHz
3 dB Bandwidth	14	14.2		MHz
40 dB Bandwidth		17.1	17.6	MHz
Passband Ripple		0.5	0.6	dB
Phase Ripple		4.0	6	deg p-p
Group Delay Ripple		30	90	ns p-p
Absolute Delay		1.67		us
Ultimate Rejection	50	60		dB
Temperature Coefficient of Frequency		-96		ppm/° C
Substrate Material	YZ Lithium Niobate			
Source and Load Impedance	50			Ω
Ambient Temperature		25		° C

Notes:

1: Mean Value of 3 dB band edges.

PACKAGE OUTLINE

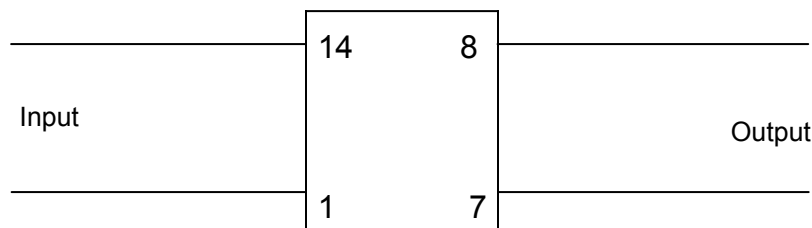


Units: mm

Pin Configuration:

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

MATCHING CIRCUIT



No Matching required

ISO 9001
Registered