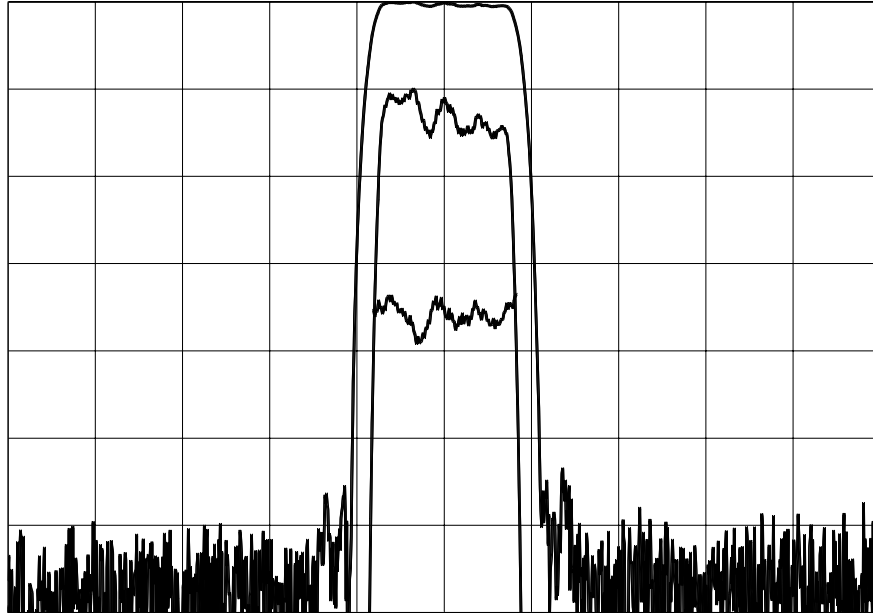




## TYPICAL PERFORMANCE



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

## SPECIFICATION

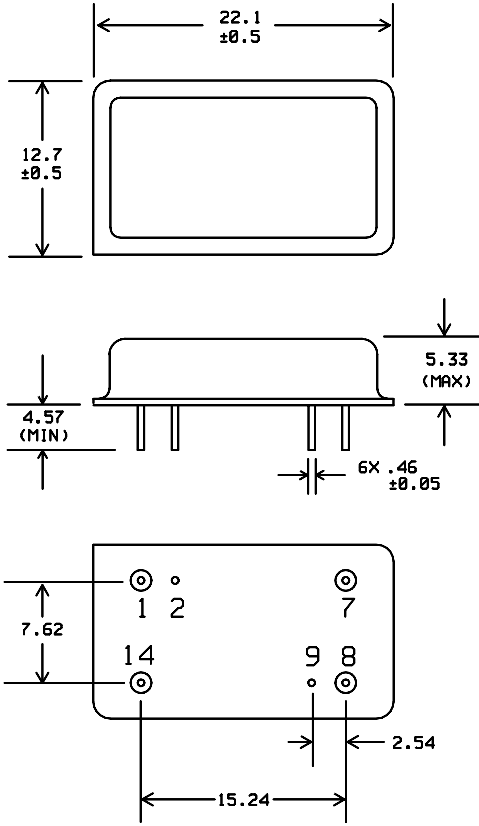
Parameter	Min.	Typ.	Max.	Units.
Center Frequency ( Fc ) <sup>1</sup>	69.89	70.0	70.11	MHz
Insertion Loss at Fc		23.5	24	dB
1 dB Bandwidth	7.5	7.6		MHz
3 dB Bandwidth	8	8.2		MHz
40 dB Bandwidth		10.5	10.6	MHz
Passband Ripple		0.5	0.8	dB p-p
Phase Ripple		2	4	deg p-p
Group Delay Ripple <sup>2</sup>		40	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**

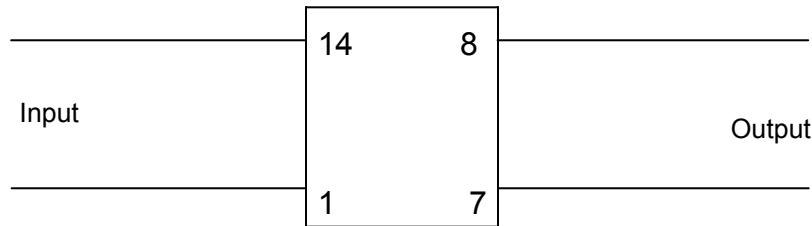


**Units:** mm

**Pin Configuration:**

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

**MATCHING CIRCUIT**



No Matching required

