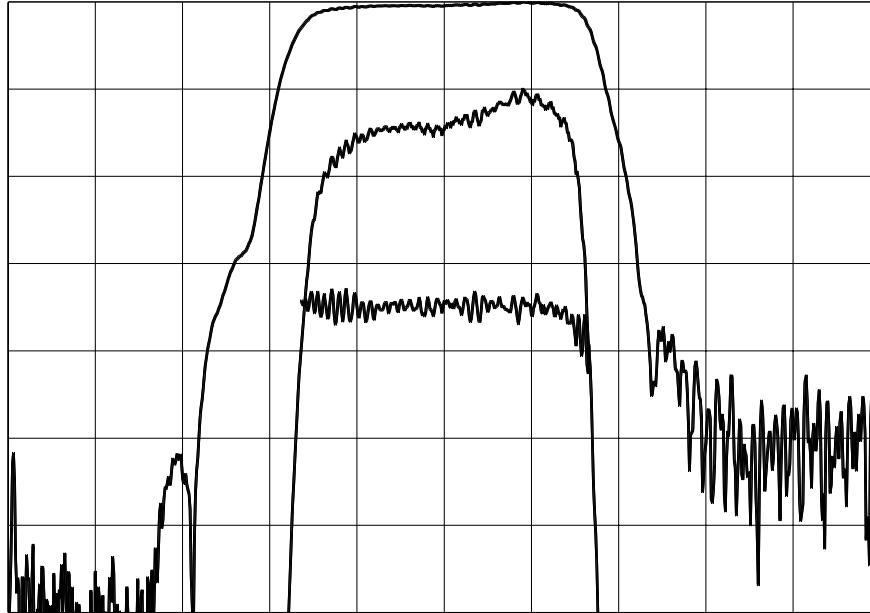


**TYPICAL PERFORMANCE**



Horizontal: 10 MHz/div      Vertical (from top):      Magnitude      10 dB/div  
 Magnitude      1 dB/div  
 Group Delay      50 ns./div

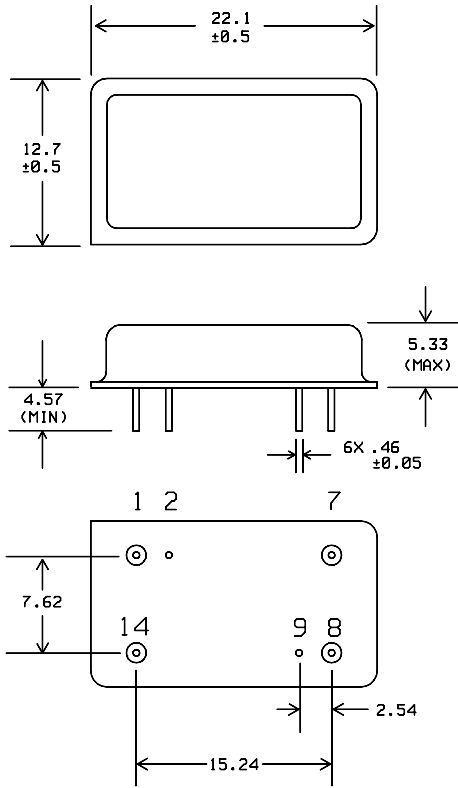
**SPECIFICATION**

Parameter	Min.	Typ.	Max.	Units.
Center Frequency ( Fc ) <sup>1</sup>	69.8	70.0	70.2	MHz
Insertion Loss at Fc		23.0	24	dB
1 dB Bandwidth	29.0	30.4		MHz
3 dB Bandwidth	32.0	33.4		MHz
35 dB Bandwidth		50.9	51	MHz
Passband Ripple		0.3	1.0	dB p-p
Phase Ripple <sup>2</sup>		6	7	deg p-p
Group Delay Ripple <sup>2</sup>		25	30	ns p-p
Absolute Delay		2		us
Rejection ( 20 - 40 MHz)	45	50		dB
( 100 - 120 MHz)	40	45		dB
Substrate Material	128 Lithium Niobate			
Ambient Temperature		25		° C

Notes:

- 1: Mean Value of 3 dB points
- 2: Measured Over 1 dB Bandwidth

**PACKAGE OUTLINE**

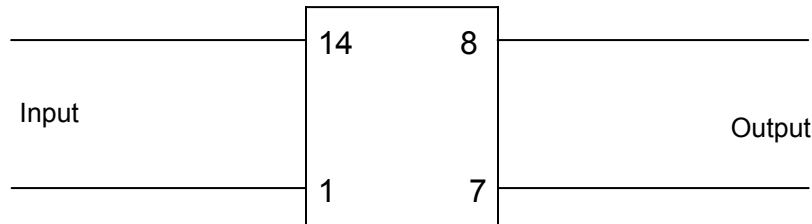


**Units:** mm

**Pin Configuration:**

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

**MATCHING CIRCUIT**



No matching required.

