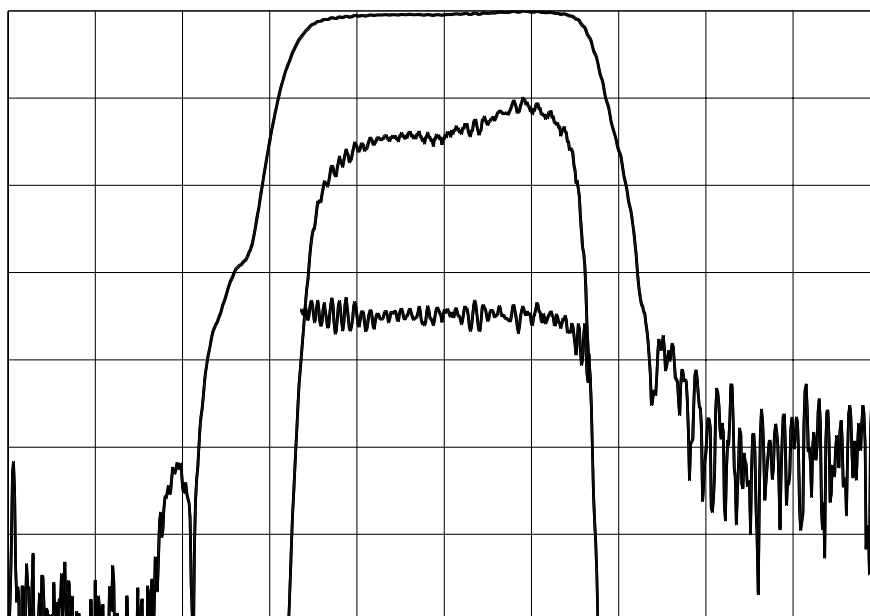


## TYPICAL PERFORMANCE



Horizontal: 10 MHz/div

Vertical (from top):

Magnitude

10 dB/div

Magnitude

1 dB/div

Group Delay

50 ns./div

## SPECIFICATION

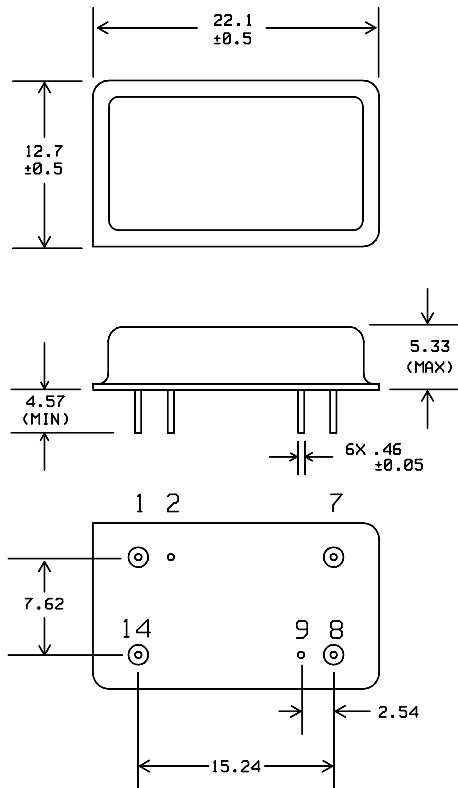
| Parameter                            | Min.                | Typ. | Max. | Units.  |
|--------------------------------------|---------------------|------|------|---------|
| Center Frequency ( Fc ) <sup>1</sup> | 69.8                | 70.0 | 70.2 | MHz     |
| Insertion Loss at Fc                 |                     | 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

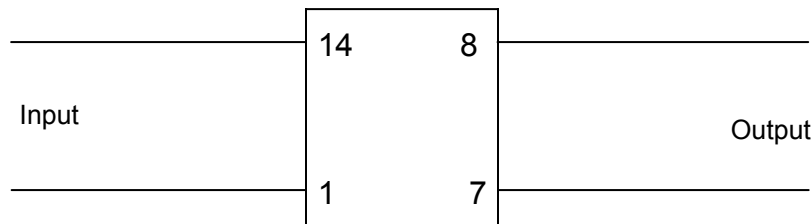


Units: mm

### Pin Configuration:

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

## MATCHING CIRCUIT



No matching required.

ISO 9001  
Registered