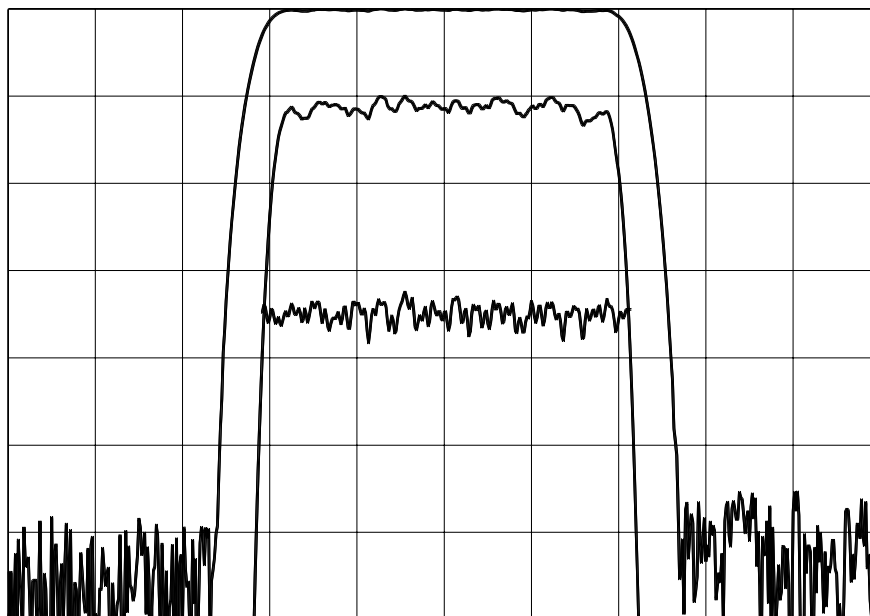




## TYPICAL PERFORMANCE



Horizontal: 4 MHz/div

Vertical (from top):

Magnitude

10 dB/div

Magnitude

1 dB/div

Group Delay

50 ns./div

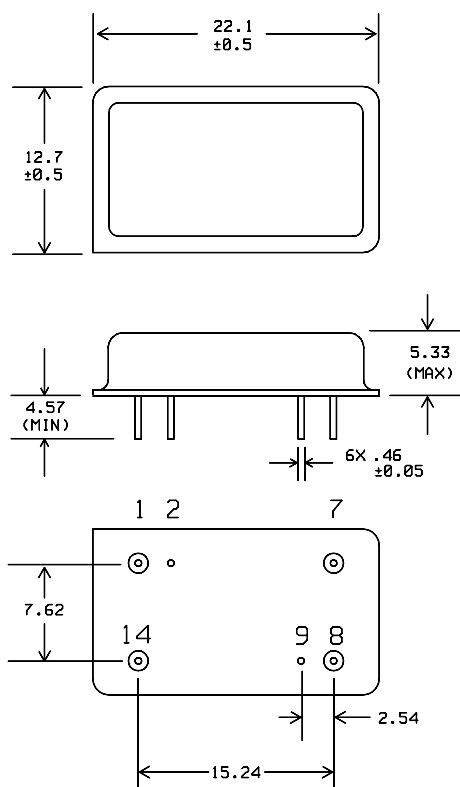
## SPECIFICATION

| Parameter                            | Min.                | Typ.  | Max.  | Units.  |
|--------------------------------------|---------------------|-------|-------|---------|
| Center Frequency ( Fc ) <sup>1</sup> | 69.85               | 70.0  | 70.15 | MHz     |
| Insertion Loss at Fc                 |                     | 24.2  | 26    | dB      |
| 1 dB Bandwidth                       | 15.0                | 15.80 |       | MHz     |
| 3 dB Bandwidth                       | 16.0                | 16.70 |       | MHz     |
| 40 dB Bandwidth                      |                     | 20.4  | 20.9  | MHz     |
| Passband Ripple                      |                     | 0.3   | 0.7   | dB p-p  |
| Phase Ripple                         |                     | 3     | 4     | deg p-p |
| Group Delay Ripple                   |                     | 30    | 50    | ns p-p  |
| Absolute Delay                       |                     | 1.34  |       | us      |
| Ultimate Rejection                   | 50                  | 60    |       | dB      |
| Substrate Material                   | 128 Lithium Niobate |       |       |         |
| Ambient Temperature                  |                     | 25    |       | ° C     |

Notes:

1: Mean Value of 3 dB points

## PACKAGE OUTLINE

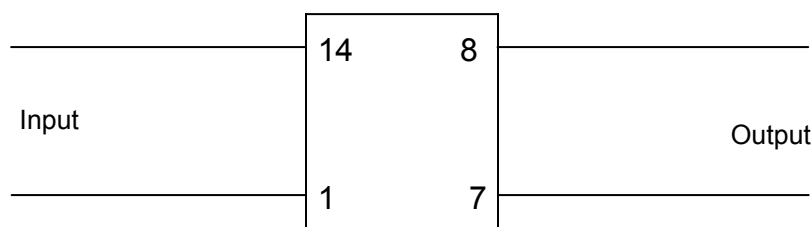


**Units:** mm

### Pin Configuration:

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

## MATCHING CIRCUIT



No matching required.

ISO 9001  
Registered