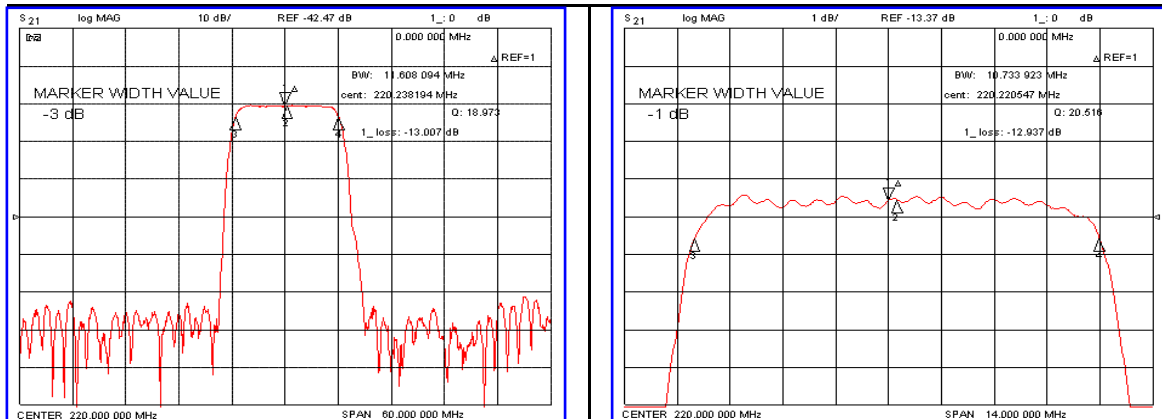


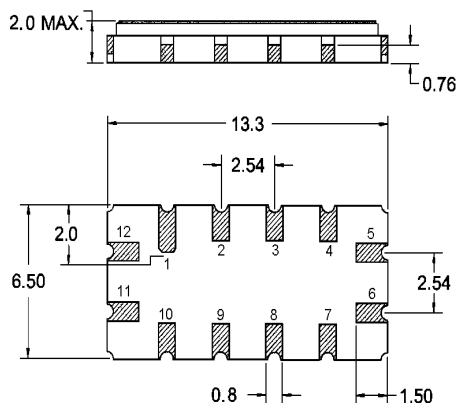
### Typical Performance



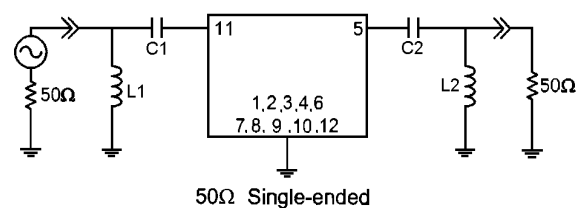
### Specification

| Parameter  | Unit                    | Min.               | Typ.   | Max.  |
|--|-------------------------|--------------------|--------|-------|
| Center Frequency (fo)                                      | MHz                     | -                  | 220.00 | -     |
| Insertion Loss   | dB                      | -                  | 13.00  | 15.00 |
| 1dB Bandwidth  | MHz                     | 9.46               | 9.65   | -     |
| 3dB Bandwidth  | MHz                     | -                  | 11.60  | -     |
| 40dB Bandwidth   | MHz                     | -                  | 15.38  | 15.80 |
| Passband Ripple ( $\Delta f_{0\pm 4.73\text{MHz}}$ )       | dB                      | -                  | 0.55   | 1.00  |
| Group Delay Variation ( $\Delta f_{0\pm 4.73\text{MHz}}$ ) | nsec                    | -                  | 50     | 80    |
| Absolute Delay   | $\mu\text{sec}$         | -                  | 0.77   | -     |
| Relative Attenuation<br>$\Delta f_{\pm 8.23\text{MHz}}$    | dB                      | -                  | 45     | -     |
| Substrate Material   | -                       | LiTaO <sub>3</sub> |        |       |
| Temperature Coefficient                                    | ppm/ $^{\circ}\text{C}$ | -20                |        |       |

### Package Dimension



### Matching Configuration



L1= L2=15nH, C1=62pF, C2=91pF  
 Source / Load Impedance = 50Ω  
 Ambient Temperature = 25°C

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