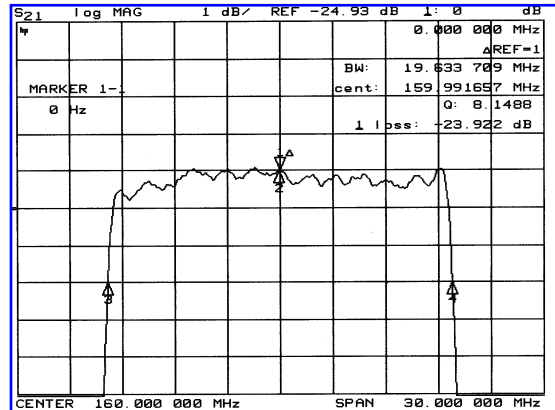
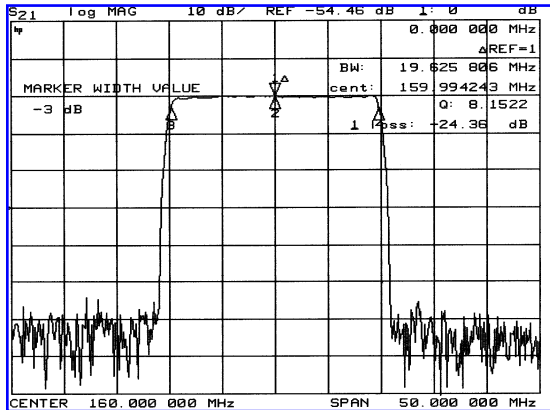


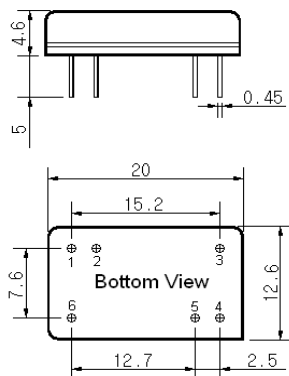
### Typical Performance



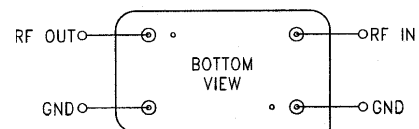
### Specification

| Parameter             | Unit | Min.   | Typ.                   | Max.   |
|-----------------------|------|--------|------------------------|--------|
| Center Frequency      | Mhz  | 159.80 | 160.00                 | 160.20 |
| Insertion Loss        | dB   |        | 24.0                   | 25.5   |
| 3dB Bandwidth         | Mhz  | 19.50  | 19.63                  |        |
| 40dB Bandwidth        | Mhz  |        | 21.65                  | 21.80  |
| Passband Ripple       | dB   |        | 0.75                   | 1.00   |
| Group Delay Variation | nsec |        | 50                     | 100    |
| Absolute Delay        | usec |        | 1.56                   |        |
| Ultimate Attenuation  | dB   | 50     | 60                     |        |
| Substrate Material    | -    |        | 128 LiNbO <sub>3</sub> |        |

### Package Dimension



### Matching Configuration



Bottom View  
Source / Load Impedance = 50Ω  
Ambient Temperature = 25°C

08/07/2001