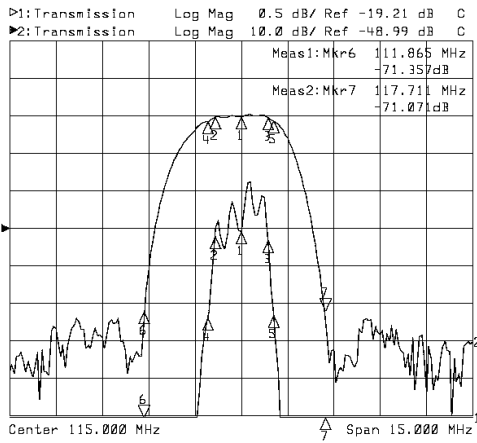


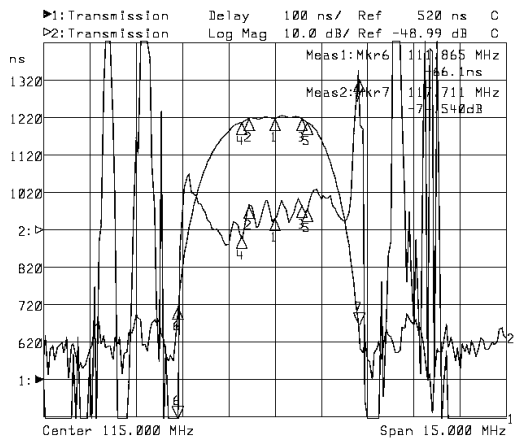
115MHz Standard Filter For CDMA

Part Number 115025

Typical Performance



Horizontal: 1.5MHz/Div
Vertical: 1dB/Div&10dB/Div

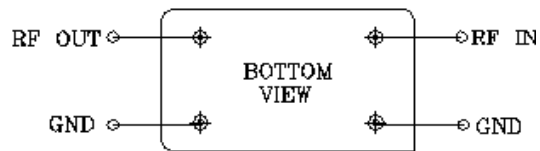
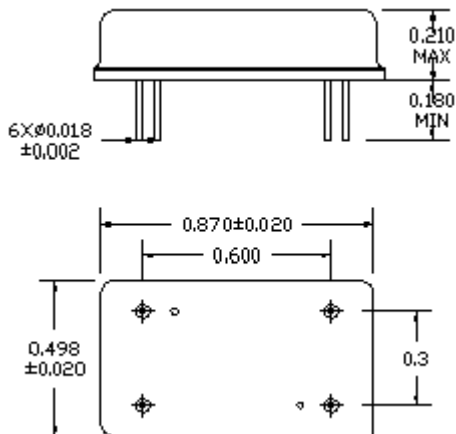


Horizontal: 1.5MHz/Div
Vertical: 100ns/Div&10dB/Div

Specifications

| Parameter | Unit | Minimum | Typical | Maximum |
|----------------------------------|------|---------|---------|---------|
| Center Frequency | MHz | 114.90 | 115.00 | 115.10 |
| Insertion Loss at F ₀ | dB | | 19.50 | 19.98 |
| 1 dB Bandwidth | MHz | 1.70 | 1.72 | |
| 2 dB Bandwidth | MHz | 2.12 | 2.14 | |
| 50dB Bandwidth | MHz | | 5.84 | 5.90 |
| Passband Variation | dB | | 0.80 | 1.00 |
| Group Delay Variation | nsec | | 100 | 120 |
| Absolute Delay | usec | | 0.90 | 0.92 |
| Ultimate Rejection | dB | 52 | 55 | |
| Substrate Material | - | | LiTao3 | |
| Ambient Temperature | °C | -40 | 25 | 80 |

Package



No Matching Required
 Source/Load Impedance=50ohm
 Package Style XI