



875MHz SAW filter technical specification

SP 875

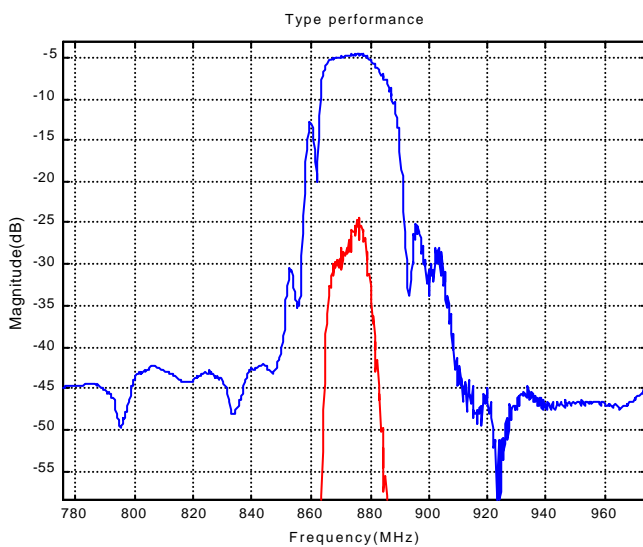
Absolute Maximum Rating

| Rating | Value |
|-------------------------------|-------------------------|
| CW RF power Dissipation | +10dBm |
| DC Voltage between any 2 pins | ± 30 VDC |
| Operating Temperature | -10 to +50 $^{\circ}$ C |

Electrical Characteristic

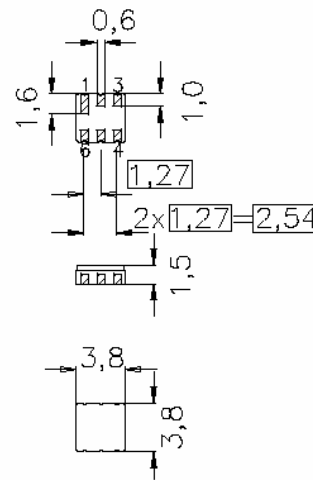
| Characteristic | Unit | Minimum | Typical | Maximum |
|-------------------------------|--------------|---------|---------|---------|
| Center Frequency (f_0) | MHz | | 875 | |
| 3dB bandwidth | MHz | 18.80 | 20.50 | |
| Insertion Loss | | | | |
| 1) f_0-20 MHz~ f_0-15 MHz | dB | 25 | 3.5 | 4 |
| 2) f_0 | | | | |
| 3) f_0+15 MHz~ f_0+20 MHz | | | | |
| Amplitude Ripple | dB | | 0.6 | 1.0 |
| Input and output Impedance | | | - | |
| Package | | | DCC6 | |
| Ambient Temperature | $^{\circ}$ C | | 25 | |

Frequency response



Package

Ceramic package DCC6



Dimensions in mm, approx. weight 0,07 g