

WXB54Z1862FE

For Mobile Communications

■ Features

- SAW Duplexer for 1.7GHz band (Band9).
- Low loss and high attenuation.
- Compact and light. (2.0×1.6×0.6mm)
- High power performance.



Pb Free

RoHS Compliant
Directive 2002/95/EC

■ Specifications

| Model | WXB52Z2140FE | | | | | | |
|----------------------------------|-----------------------------------|--------|------|-----------|--------|------|---|
| | TX-Filter | | | RX-Filter | | | |
| Item | min. | typ. | max. | min. | typ. | max. | |
| Nominal frequency (MHz) | - | 1767.4 | - | - | 1862.4 | - | |
| Passband width (MHz) | 35 | - | - | 35 | - | - | |
| Maximal insertion loss (dB) | - | 1.3 | 1.8 | - | 1.8 | 2.3 | |
| Passband ripple | - | 0.4 | 1.0 | - | 0.4 | 1.0 | |
| Guaranteed attenuation (dB) | 1574 to 1577 MHz | 35 | 39 | - | - | - | |
| | 1844.9 to 1879.9 MHz | 40 | 48 | - | - | - | |
| | 3499.8 to 3569.8 MHz | 25 | 30 | - | - | - | |
| | 5249.7 to 5354.7 MHz | 17 | 22 | - | - | - | |
| | 1749.9 to 1784.9 MHz | - | - | - | 48 | 52 | - |
| | 3594.8 to 3664.8 MHz | - | - | - | 40 | 46 | - |
| Isolation | 5344.7 to 5449.7 MHz | - | - | - | 35 | 41 | |
| | 1749.9 to 1784.9 MHz | - | - | - | 54 | 58 | |
| 1844.9 to 1879.9 MHz | 50 | 55 | - | - | - | - | |
| Operating temperature range (°C) | -20 to +85 | | | | | | |
| Terminating impedance (Ω) | ANT= 50//4.7nH TX=50 RX=200//47nH | | | | | | |

■ Dimensions

