1.8 GHz RX Diversity
Ceramic Antenna
Ground cleared under antenna, clearance area 10.60 x 6.25 mm
Pulse Part Number: W3028

Features
- Omnidirectional radiation
- Low profile
- Compact size W x L x H (10 x 3.2 x 2 mm)
- Low weight (310 mg)
- Lead free materials
- Fully SMD compatible
- Lead free soldering compatible
- Tape and reel packing
- RoHS Compliant Product

Applications
- GSM 1800 MHz band (PCN/DSC)
- 1.805-1.88 GHz

Electrical specifications @ +25 °C
Note: Electrical characteristics depend on test board (GP) size and antenna positioning on GP and Ground Clearance area size.

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<tbody>
<tr>
<td>1805 – 1880</td>
<td>2.5 (peak) 2 (band edges)</td>
<td>90 / -1 (peak) 70 / -1.55 (band edges)</td>
<td>-9</td>
<td>50</td>
<td>-40 to +85</td>
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RX Diversity 1805-1880 MHz
Typical performance (test board size 80 x 37 mm, PWB ground clearance area 10.60 x 6.25 mm)
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Typical Electrical Characteristics (T=25 °C)
Measured on the 80 x 37 mm test board

Typical Return Loss S11/Impedance

Free space efficiency and maximum gain

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Typical Free Space Radiation Patterns