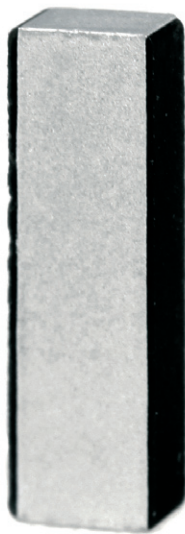


# 920MHz Ceramic Chip Antenna

Ground cleared under antenna, clearance area 40 mm x 16 mm. Pulse Part Number: W3014



## Features

- Low profile
- Compact size W x L x H (10 x 3.2 x 1.5 mm)
- Low weight (240 mg)
- Lead free materials
- Fully SMD compatible
- Lead free soldering compatible
- Tape and reel packing
- RoHS Compliant Product

## Applications

- 920MHz radios

## Electrical specifications @ +25 °C

*Note: Electrical characteristics depend on test board (GP) size and antenna positioning on GP and Ground Clearance area size.*

## ISM 868 – 870 MHz

Typical performance (test board size 100 x 37 mm, PWB ground clearance area 10.80 mm x 8.25)

| Frequency Range [MHz] | 3D Max Gain [dBi]              | 3D Efficiency [%] / [dB]                 | Return loss min. [dB] | Impedance [ $\Omega$ ] | Operating Temperature [°C] |
|-----------------------|--------------------------------|------------------------------------------|-----------------------|------------------------|----------------------------|
| 880 - 960             | -0.5 (peak)<br>-1 (band edges) | 45 / -4.5 (peak)<br>40 / -4 (band edges) | -7                    | 50                     | -40 to +85                 |

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