

PS915

Powercast® RF Field Detector with LED – 915MHz



DESCRIPTION

The PS915 RF Field Detector enables simple RF field detection in the 902-928 MHz ISM band. The PS915 comes with two different color options, red or green and works with the Powercast TX91501 transmitter or any UHF RFID reader.

FUNCTION

The PS915 functions by utilizing Powercast's Powerharvester technology to efficiently convert the RF energy into DC power. This converted DC power is then supplied to the onboard LED. The more RF energy harvested, the brighter the LED will be.

APPLICATIONS

RF Field Visualization
RFID Testing and Installation
Polarization Verification

ELECTRICAL CHARACTERISTICS

| | |
|-----------------------|-----------------------|
| Frequency | 850-950MHz (915 Typ.) |
| Antenna Type | Dipole |
| Polarization | Vertical |
| Antenna Pattern | Omni-directional |
| Operating Temperature | -40 to 85°C |

MOUNTING INSTRUCTIONS

Mount the RF Field Detector using the hole located at the top. When holding, hold from the end with the hole as close to the edge of the board as possible. Function may be drastically reduced when mounted on a metal surface

ORDERING INFORMATION

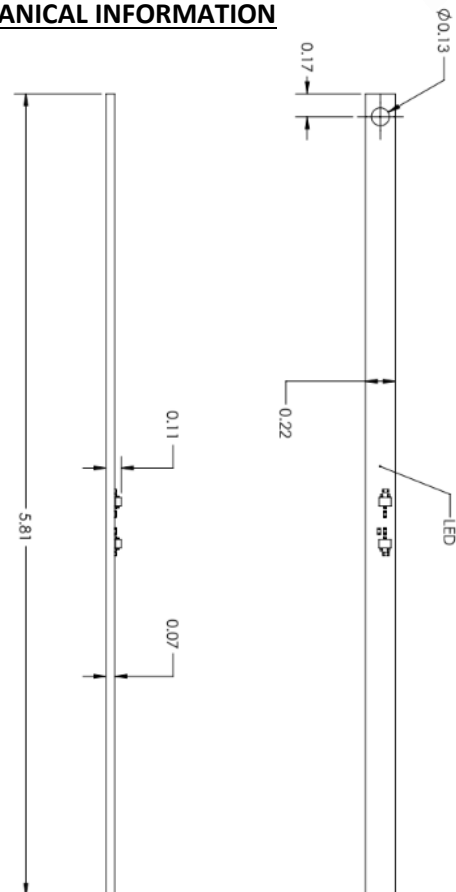
The PS915 is available in two different colors; red and green.

PS915 - X

| | |
|------------------------|-----------------------------------|
| PS915 915 = 915 MHz | X (Color) R = Red G = Green |
|------------------------|-----------------------------------|



MECHANICAL INFORMATION



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Powercast:](#)

[PS915-G](#) [PS915-R](#)