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Part Number:

1462200250

Status:

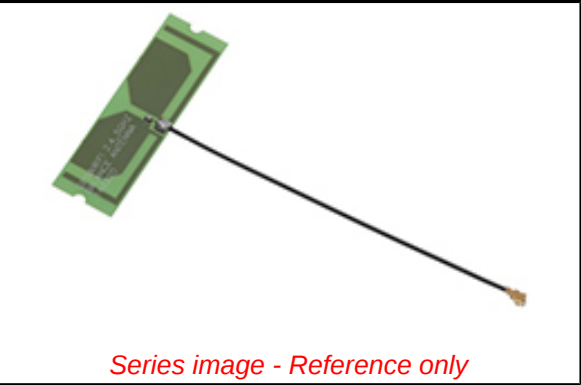
Active

Overview:

Standard Antennas

Description:

GPS and WiFi 2.4GHz / 5GHz Combo PCB Antenna, 16.60mm Width, Cable Length 250.00mm



Documents:

Drawing (PDF)

Product Specification PS-146220-100 (PDF)

Application Specification AS-146220-100 (PDF)

Packaging Specification PK-146220-100 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

|                                    |                                                 |
|------------------------------------|-------------------------------------------------|
| <b>General</b>                     |                                                 |
| Product Family                     | Antennas                                        |
| Series                             | 146220                                          |
| Component Type                     | Stand Alone Antenna with Cable                  |
| Mates With                         | 73412-0110 Microcoaxial RF, 50 Ohm              |
| Overview                           | Standard Antennas                               |
| Product Literature Order No        | 987651-3851                                     |
| Product Name                       | 2.4/5GHz GPS-Wi-Fi* Antenna                     |
| Type                               | GPS-Wifi Antenna                                |
| UPC                                | 889056569699                                    |
| <b>Physical</b>                    |                                                 |
| Cable Length                       | 250.00mm                                        |
| Depth                              | 0.81mm                                          |
| Length                             | 53.50mm                                         |
| Mounting Style                     | Screws                                          |
| Net Weight                         | 2.249/g                                         |
| Packaging Type                     | PET Film                                        |
| Polarization                       | Linear                                          |
| Radiation Pattern                  | Omnidirectional                                 |
| Width                              | 16.60mm                                         |
| <b>Electrical</b>                  |                                                 |
| Band#1 F_End (MHz)                 | 1602                                            |
| Band#1 F_Start (MHz)               | 1575.42                                         |
| Band#2 F_End (MHz)                 | 2483.5                                          |
| Band#2 F_Start (MHz)               | 2400                                            |
| Band#3 F_End (MHz)                 | 5850                                            |
| Band#3 F_Start (MHz)               | 5150                                            |
| Band#4 F_End (MHz)                 | 6000                                            |
| Band#4 F_Start (MHz)               | 3000                                            |
| Electrical Connectivity            | Cable                                           |
| Impedance                          | 50#                                             |
| Number of Bands                    | 4                                               |
| Peak Gain (dBi)                    | 2.0 @ 1575M, 2.5 @ 2.4G, 2.8 @ 3G, 3.1 @ 5G     |
| Return Loss - S11 (dB)             | < -8                                            |
| Total Efficiency                   | >65% @ 3G, >69% @ 5G, >71% @ 2.4G, >73% @ 1575M |
| <b>Material Info</b>               |                                                 |
| <b>Reference - Drawing Numbers</b> |                                                 |
| Application Specification          | AS-146220-100                                   |
| Packaging Specification            | PK-146220-100                                   |
| Product Specification              | PS-146220-100                                   |
| Sales Drawing                      | SD-146220-050                                   |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -ED/79/2015 (17 December 2015)

Halogen-Free

Status

Low-Halogen

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China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

146220 Series

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