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Part Number:

2143941000

Status:

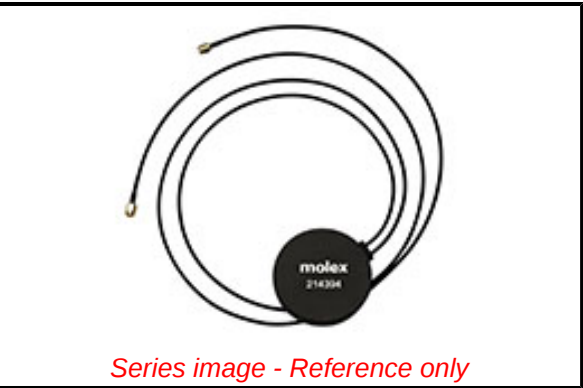
Active

Overview:

Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee

Description:

2.4GHz/ 5GHz Dual Band Wi-Fi MIMO External Antenna, 77.00mm Diameter, 1.0m Cables with SMA Connectors



Series image - Reference only

|                                            |                                                                |
|--------------------------------------------|----------------------------------------------------------------|
| Documents:                                 |                                                                |
| 3D Model                                   | <a href="#">Application Specification 2143941000-000 (PDF)</a> |
| 3D Model (PDF)                             | <a href="#">Packaging Specification 2143941000-001 (PDF)</a>   |
| Drawing (PDF)                              | <a href="#">Datasheet (PDF)</a>                                |
| Product Specification 2143941000-001 (PDF) | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |

|                               |                                                              |
|-------------------------------|--------------------------------------------------------------|
| General                       |                                                              |
| Product Family                | Antennas                                                     |
| Series                        | 214394                                                       |
| Component Type                | External Antenna                                             |
| Function                      | Signal                                                       |
| Mates With                    | SMA Female Receptacle                                        |
| Overview                      | Internet of Things (IoT) Antennas: Wi-Fi, Bluetooth, Zigbee  |
| Product Name                  | Dual Band Wi-Fi MIMO Antenna                                 |
| Protocol                      | Wi-Fi                                                        |
| Taxonomy                      | Antennas                                                     |
| Type                          | External Antenna                                             |
| UPC                           | 193264463039                                                 |
| Physical                      |                                                              |
| Cable Length                  | 1000.00mm                                                    |
| Length                        | N/A                                                          |
| Mounting Style                | Adhesive                                                     |
| Net Weight                    | 97.000/g                                                     |
| Outer Diameter                | 77.00mm                                                      |
| Packaging Type                | Partitioned Carton                                           |
| Radiation Pattern             | Omnidirectional                                              |
| Temperature Range - Operating | -40° to +85°C                                                |
| Thickness                     | 15.00mm                                                      |
| Width                         | N/A                                                          |
| Electrical                    |                                                              |
| Band#1 F_End (MHz)            | 2500                                                         |
| Band#1 F_Start (MHz)          | 2400                                                         |
| Band#2 F_End (MHz)            | 6000                                                         |
| Band#2 F_Start (MHz)          | 5000                                                         |
| Electrical Connectivity       | Cable                                                        |
| Peak Gain (dBi)               | 2.5 @ 2.4G, 2.6 @ 5G (Port 1), 3.1 @ 2.4G, 3.4 @ 5G (Port 2) |
| Return Loss - S11 (dB)        | < -10                                                        |
| Total Efficiency              | >60%@2.4G, >45%@5G (Port 1), >70%@2.4G, >50%@5G (Port 2)     |
| Material Info                 |                                                              |
| Reference - Drawing Numbers   |                                                              |
| Application Specification     | 2143941000-000                                               |
| Packaging Specification       | 2143941000-001                                               |
| Product Specification         | 2143941000-001                                               |
| Sales Drawing                 | 2143941000-000                                               |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant with Exemption 6(c)                                 |               |
| REACH SVHC                                                    |               |
| Contained Per - D(2022)4187-DC (10 June 2022)                 |               |
| Lead                                                          |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Low-Halogen                                               |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | 50 Image      |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

214394 Series

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