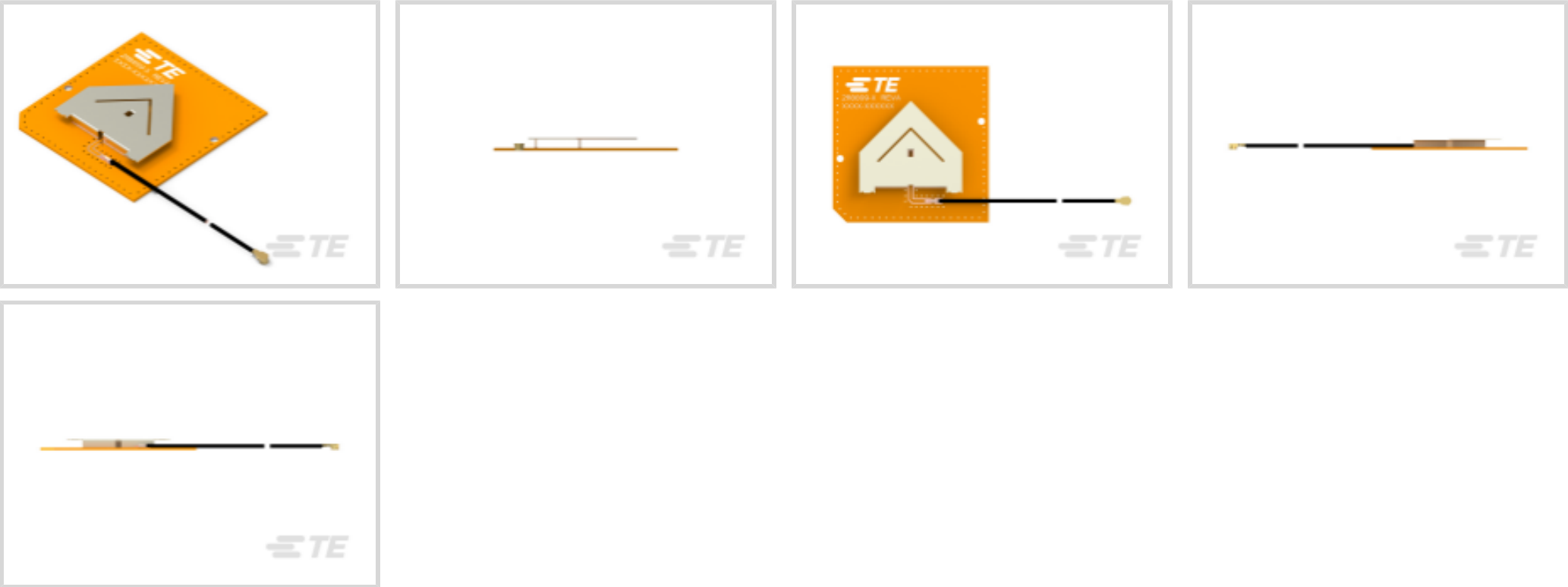




Antennas



Wireless Application: **Bluetooth, Wi-Fi, Zigbee**

Mounting Location: **Internal/Embedded**

Mounting Type: **Connector Mount**

Frequency Category: **2400 – 5950**

Antenna Type: **PCB**

Features

Product Type Features

|                      |                       |
|----------------------|-----------------------|
| Antenna Termination  | MHF, MHF1, U.FL, UMCC |
| Antenna Product Type | Antenna               |

Configuration Features

|                    |                   |
|--------------------|-------------------|
| Antenna Style      | PCB               |
| Mounting Location  | Internal/Embedded |
| Antenna Type       | PCB               |
| Band Type          | Dual Band         |
| Port Configuration | Single Port       |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Impedance         | 50 Ω    |
| Antenna Operation | Passive |
| VSWR (Max)        | <2:1    |

Signal Characteristics

|                |                                  |
|----------------|----------------------------------|
| Frequency Band | 2400 – 2485 MHz, 5150 – 5875 MHz |
|----------------|----------------------------------|



|                    |             |
|--------------------|-------------|
| Gain (Max)         | 14 dB       |
| Frequency Category | 2400 – 5950 |
| Peak Gain          | > 6 dBi     |

Body Features

|                |              |
|----------------|--------------|
| Product Weight | 8 g[.282 oz] |
|----------------|--------------|

Mechanical Attachment

|               |                 |
|---------------|-----------------|
| Polarization  | Linear          |
| Mounting Type | Connector Mount |

Dimensions

|                                 |                   |
|---------------------------------|-------------------|
| Product Width                   | 54.5 mm[2.145 in] |
| Product Length                  | 54.5 mm[2.145 in] |
| Product Height                  | 3.8 mm[.15 in]    |
| Cable Length                    | .28 m[.92 ft]     |
| Cable Insulation Diameter (Max) | 1.13 mm[.044 in]  |

Operation/Application

|                |                 |
|----------------|-----------------|
| Directionality | Omnidirectional |
|----------------|-----------------|

Industry Standards

|                      |                          |
|----------------------|--------------------------|
| Wireless Application | Bluetooth, Wi-Fi, Zigbee |
| Primary Application  | Wi-Fi                    |

Product Availability

|                   |        |
|-------------------|--------|
| Applicable Region | Global |
|-------------------|--------|

Packaging Features

|                  |           |
|------------------|-----------|
| Packaging Method | Bag & Box |
|------------------|-----------|

Other

|                 |          |
|-----------------|----------|
| Precision Level | Standard |
|-----------------|----------|

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

|                                               |                                         |
|-----------------------------------------------|-----------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant                               |
| EU ELV Directive 2000/53/EC                   | Compliant                               |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006        |                                         |



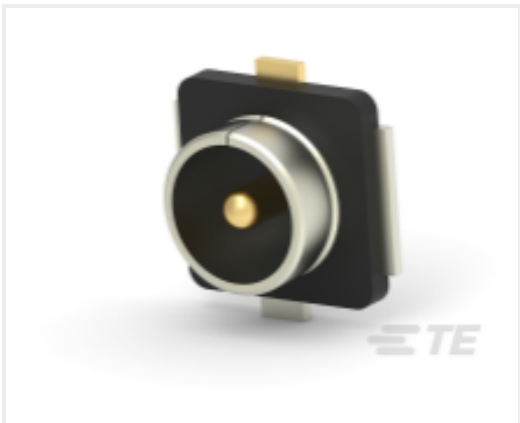
Current ECHA Candidate List: JAN 2025  
(247)  
Candidate List Declared Against: JAN 2025  
(247)  
Does not contain REACH SVHC

|                           |                                                        |
|---------------------------|--------------------------------------------------------|
| Halogen Content           | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources. |
| Solder Process Capability | Not applicable for solder process capability           |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

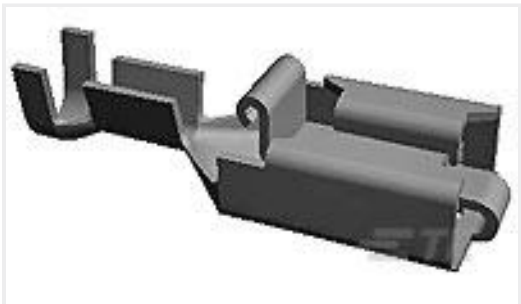


TE Part # 2337019-1  
UMCC Micro-Coax receptacle, Gen 1

Customers Also Bought



TE Part #CAT-R21-73106549  
Bulbous Heat Shrink Boots: Lipped, Right Angle



TE Part #154717-6  
PL 250 REC TERMINAL 14-11 AWG PTPB



TE Part #1-1703543-0  
2POS,TAB 2.8X0.8,TAB HSG,ASSY PTPB

Documents

Product Drawings

WLAN Dual Band Antenna 2.4 / 5 GHz

English





CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2118899-1\_2.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2118899-1\_2.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2118899-1\_2.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

WLAN Dual Band Antenna 2.4 / 5 GHz

English

Product Specifications

Product Specification

English