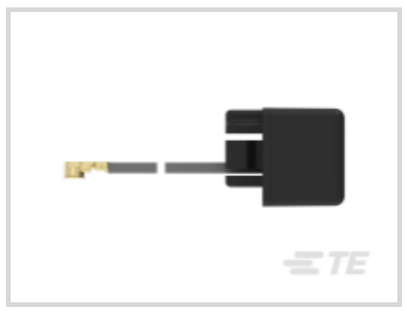
# 1-2195935-1 ✔ ACTIVE

TE Internal #: 1-2195935-1

Stamped Metal Antenna, Triple Band, Wi-Fi, External Mount, Snap-In, MHF4, Omnidirectional, Single Port, 3 < 6 dBi Peak Gain

View on TE.com >

Antennas




Communication Protocol: **Wi-Fi**

Mounting Location: **External**

Mounting Type: **Snap-In**

Frequency Category: **2400 – 2500, 5150 – 5875, 5925 – 7125**

Antenna Type: **Stamped Metal**

## Features

### Product Type Features

| | |
|---|---|
| Antenna Termination | MHF4 |
| Antenna Product Type | Antenna |

### Configuration Features

| | |
|---|---|
| Antenna Style | Stamped |
| Mounting Location | External |
| Antenna Type | Stamped Metal |
| Band Type | Triple Band |
| Port Configuration | Single Port |

### Electrical Characteristics

| | |
|---|---|
| Impedance | 50 Ω |
| Antenna Operation | Passive |
| VSWR (Max) | < 2.0:1 |

### Signal Characteristics

| | |
|---|---|
| Frequency Band | 2400 – 2500 MHz, 5150 – 5875 MHz, 5925 – 7125 MHz |

| | |
|---|---|
| Gain (Max) | 4 dB |
| Frequency Category | 2400 – 2500, 5150 – 5875, 5925 – 7125 |
| Peak Gain | 3 < 6 dBi |

### Body Features

| | |
|---|---|
| Antenna Weight | 4 g[.159 oz] |

### Mechanical Attachment

| | |
|---|---|
| Polarization | Linear |
| Mounting Type | Snap-In |

### Dimensions

| | |
|---|---|
| Product Diameter | 29 mm[1.14 in] |
| Product Width | 12 mm[.472 in] |
| Product Length | 29 mm[1.14 in] |
| Product Height | 10 mm[.393 in] |
| Cable Length | .09 m[.29 ft] |
| Cable Insulation Diameter (Max) | .7 mm[.028 in] |

### Operation/Application

| | |
|---|---|
| Antenna Environment | Indoor |
| Wireless Standard | 802.11 a/b/g/n/ac/ad/ax, Bluetooth, ZigBee & Wi-Fi |
| Directionality | Omnidirectional |

### Industry Standards

| | |
|---|---|
| Communication Protocol | Wi-Fi |
| Primary Application | Wi-Fi |

### Product Availability

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

### Packaging Features

| | |
|---|---|
| Packaging Method | Bag/Box |

## Product Compliance

For compliance documentation, visit the product page on TE.com>

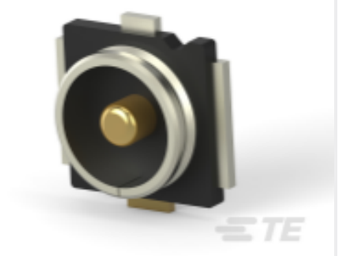
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |

| | |
|---|---|
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>SVHC > Threshold:<br>TBBPA (17% in Component)<br>**Article Safe Usage Statements:**<br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not reviewed 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



TE Part # 2334884-1
UMCC Micro-Coax receptacle, Gen 4

## Customers Also Bought



TE Part #1658723-2
ASSY SFP CAGE 1X4 SOLDER TAIL



TE Part #4-1879215-1
CPF 0402 11K3 0.1% 25PPM 1K RL



TE Part #2195935-2
UAM Assembly 130mm MHF, Wi-Fi 7



TE Part #2195935-3
UAM Assembly 210mm MHF, Wi-Fi 7



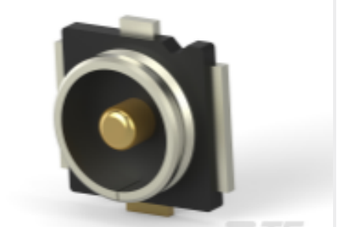
TE Part #1-2195935-2
UAM Assembly 130mm MHF4L Wi-Fi 7



TE Part #1-2195935-3
UAM Assembly 210mm MHF4L Wi-Fi 7



TE Part #1-2195935-4
UAM Assembly 360mm MHF4L Wi-Fi 7



TE Part #2334884-1
UMCC Micro-Coax receptacle, Gen 4



TE Part #5120534-1
1FHP,64,30A/S,N,C,S10,12,13,15



TE Part #L9000356-01
Antenna WiFi6/6E 1.13 100 MHF4

## Documents

### Product Drawings

UAM Assembly 90mm MHF4L Wi-Fi 7

English

### CAD Files

Customer View Model

ENG_CVM_CVM_1-2195935-1_A.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2195935-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2195935-1_A.3d_igs.zip

English

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### Datasheets & Catalog Pages

DS_2195935

English