



Antennas



Wireless Application: **Bluetooth, WLAN, ZigBee**

Mounting Retention Type: **Adhesive**

Antenna Connection Type: **Cable Assembly**

Antenna Connector Type: **MHF4 Compatible**

Cable Length: **100 mm [3.937 in]**

Features

Product Type Features

| | |
|-------------------------|-----------------|
| Antenna Connection Type | Cable Assembly |
| Antenna Connector Type | MHF4 Compatible |

Configuration Features

| | |
|------------------|-------------|
| Band Type | Triple Band |
| Antenna Protocol | WLAN |
| Number of Ports | 1 |
| Antenna Style | Embedded |
| Antenna Type | Thin PCB |

Electrical Characteristics

| | |
|----------------|--------|
| VSWR (Max) | <2.7:1 |
| Impedance | 50 Ω |
| Active Antenna | No |

Signal Characteristics

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



| | |
|------------|--------|
| Gain (Max) | 5.3 dB |
|------------|--------|

Body Features

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|----------------|----------------|
| Product Weight | 1.2 g[.042 oz] |
|----------------|----------------|

Mechanical Attachment

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

| | |
|--------------|--------|
| Polarization | Linear |
|--------------|--------|

| | |
|-------------------------|----------|
| Mounting Retention Type | Adhesive |
|-------------------------|----------|

Dimensions

| | |
|------------------|------------------|
| Product Diameter | 1.13 mm[.044 in] |
|------------------|------------------|

| | |
|---------------------------------|----------------|
| Cable Insulation Diameter (Max) | .7 mm[.028 in] |
|---------------------------------|----------------|

| | |
|--------------|------------------|
| Cable Length | 100 mm[3.937 in] |
|--------------|------------------|

| | |
|----------------|-----------------|
| Product Length | 35 mm[1.378 in] |
|----------------|-----------------|

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|---------------|---------------|
| Product Width | 8 mm[.315 in] |
|---------------|---------------|

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|----------------|-----------------|
| Product Height | .19 mm[.007 in] |
|----------------|-----------------|

Usage Conditions

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|-----------------------|--|
| Application by Region | Bluetooth - Global - 2400 – 2500 MHz, WLAN - Global - 2400 – 2483.5 MHz, WLAN - Global - 5150 – 5875 MHz, WLAN - Global - 5925 – 7125 MHz |
|-----------------------|--|

Operation/Application

| | |
|-------------------|---|
| Wireless Standard | 802.11 a/b/g/n/ac/ad/ax, Bluetooth, ZigBee & Wi-Fi |
|-------------------|---|

Industry Standards

| | |
|----------------------|-------------------------|
| Wireless Application | Bluetooth, WLAN, ZigBee |
|----------------------|-------------------------|

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 |
|-----------------------------|-----------|



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|---|---|
| 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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) Does not contain REACH SVHC |
| Halogen Content | Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free |
| 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 Model / Part # 2334884-1
UMCC Micro-Coax receptacle, Gen 4

Customers Also Bought




TE Model / Part #1766600-2
INSULATION BOOT, #2, RED



TE Model / Part #T4151410004-002
M12 A-CODE FEMALE R/A SINGLE ENDED CABL



TE Model / Part #1062-16-0177
DEUTSCH STAMPED & FORMED CONTACTS



TE Model / Part #1-1803017-1
CRIMPER, INSULATION F



TE Model / Part #2500003-1
SRC Pwr 36+12ACEG Female Recp
Hsg Assy



TE Model / Part #5054014010
RNF-100-1/16-8-SP



TE Model / Part #926472-1
UNIV.M-N.L.CAP S.C.



TE Model / Part #2836322-2
OCEAN-2.0-APPLICATOR-S-042F062F



TE Model / Part #CAR3SC00
CAR RECPT DIN9680 3way



TE Model / Part #CAR3SC00WS
CAR RECPT DIN9680 3way, w/o
contacts

Documents

Product Drawings

FPC ANTENNA, CABLE, MHF, Wi-Fi TRIPLE

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2344657-6_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2344657-6_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2344657-6_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

Datasheet 2344657-X

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

2344657-6

Antenna, ZigBee / Bluetooth / WLAN, Adhesive, Cable Assembly, MHF4 Compatible,
Cable Length 100 mm [3.937 in]

