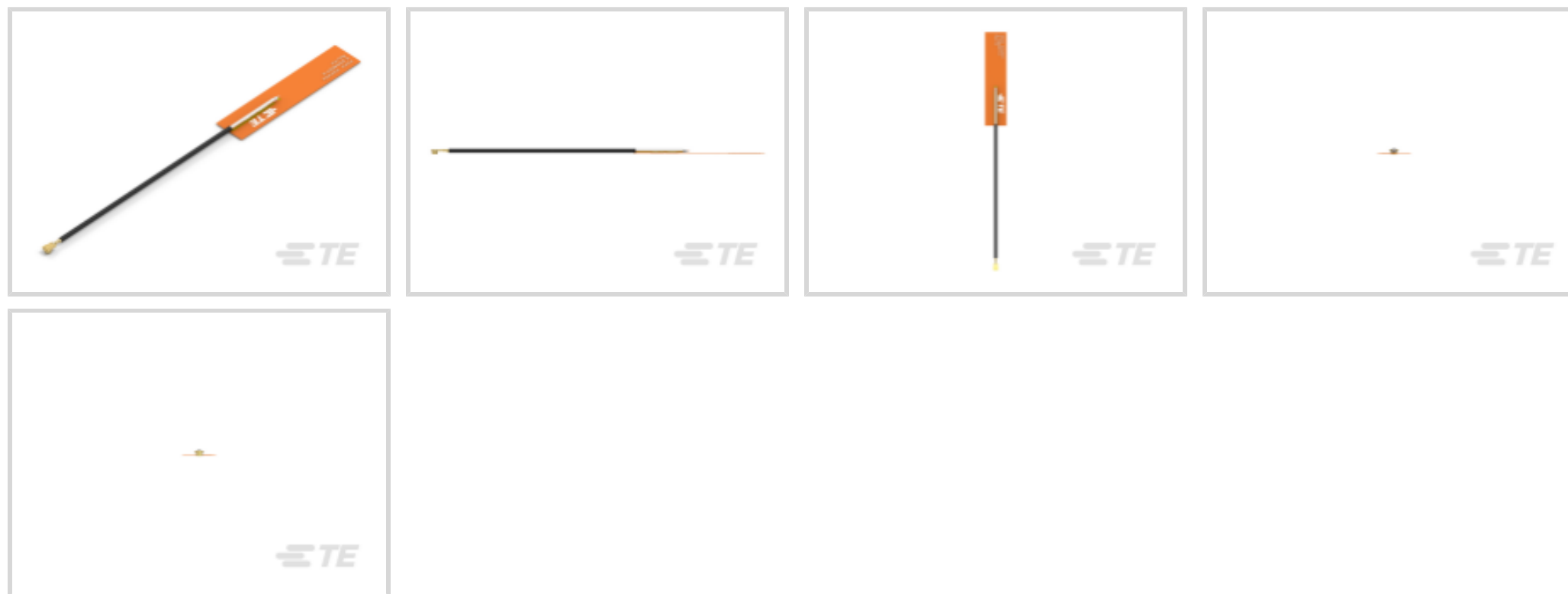




TE Internal #: 2344657-6  
 Flexible PCB (FPC) Antenna, Triple Band, Wi-Fi, Internal  
 /Embedded Mount, Adhesive, MHF4, Omnidirectional, Single Port,  
 Gain 3 < 6 dBi

[View on TE.com >](#)

Antennas



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

Mounting Location: **Internal/Embedded**

Mounting Type: **Adhesive**

Antenna Termination: **MHF4**

Antenna Type: **Flexible PCB (FPC)**

**Features**

**Product Type Features**

Antenna Termination	MHF4
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**Configuration Features**

Antenna Style	Thin PCB
Mounting Location	Internal/Embedded
Antenna Type	Flexible PCB (FPC)
Band Type	Triple Band
Port Configuration	Single Port

**Electrical Characteristics**

Antenna Operation	Passive
VSWR (Max)	<2.7:1
Impedance	50 Ω

**Signal Characteristics**

Gain (Max)	5.3 dB
Frequency Band	2400 – 2500 MHz, 5150 – 5875 MHz, 5925 – 7125 MHz



Nominal Frequency Range	2400 – 7125
Peak Gain	3 < 6 dBi

### Body Features

Product Weight	1.2 g[.042 oz]
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### Mechanical Attachment

Polarization	Linear
Mounting Type	Adhesive

### Dimensions

Cable Insulation Diameter (Max)	.7 mm[.028 in]
Cable Length	.1 m[.33 ft]
Product Diameter	1.13 mm[.044 in]
Product Width	8 mm[.315 in]
Product Length	35 mm[1.378 in]
Product Height	.19 mm[.007 in]

### Operation/Application

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

### Industry Standards

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

### Product Availability

Applicable Region	Global
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### Packaging Features

Packaging Method	Bag & Box
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### Other

Precision Level	Standard
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### 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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

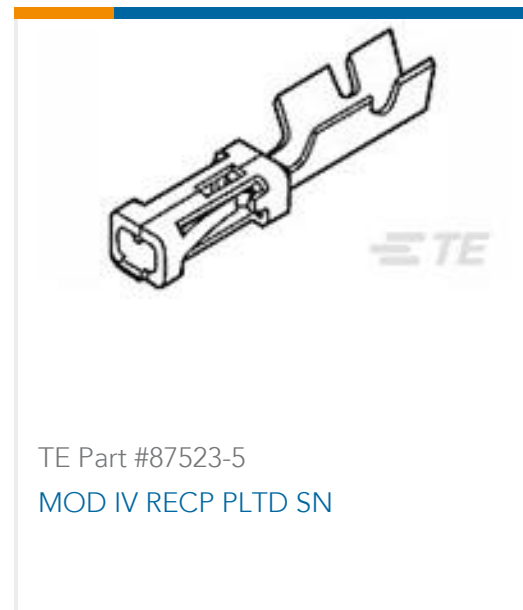


## Customers Also Bought





TE Part #102387-1  
10 MODIV HSG COMP DR .100 POL



TE Part #87523-5  
MOD IV RECP PLTD SN



TE Part #350570-3  
UMNL SOK 24-18 PTPPHBZ



TE Part #4-1879355-6  
RR03 5% 330K AMMO



TE Part #MTRA61274CB2-001  
OMNI,DB,Ph,617/1690 MHz

## Documents

### Product Drawings

FPC ANTENNA, CABLE, MHF, Wi-Fi TRIPLE

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2344657-6\\_B1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2344657-6\\_B1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2344657-6\\_B1.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[Datasheet 2344657-X](#)

English

### Product Specifications

[Product Specification](#)

English

### Product Environmental Compliance

[Product Compliance](#)

2344657-6

Flexible PCB (FPC) Antenna, Triple Band, Wi-Fi, Internal/Embedded Mount, Adhesive, MHF4, Omnidirectional, Single Port, Gain 3 < 6 dBi



English

**Product Compliance**

English