

TE Internal #: 2344655-3

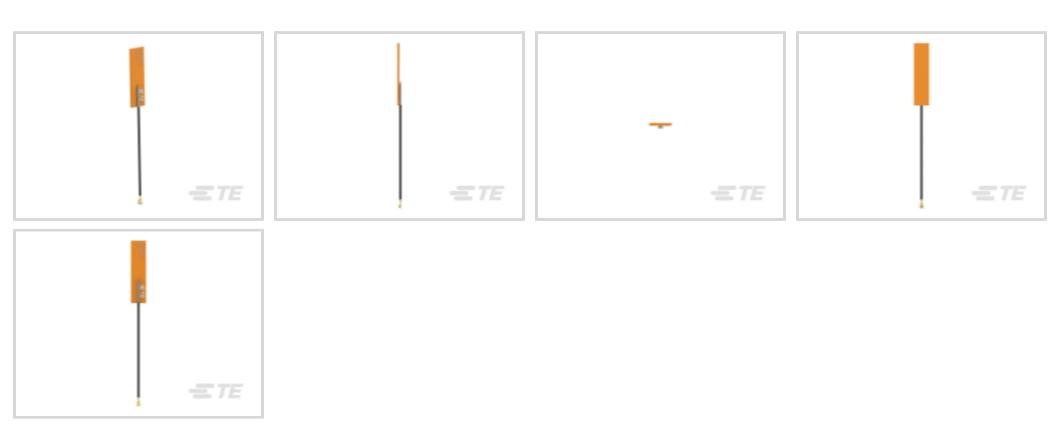
PCB Antenna, Triple Band, Wi-Fi, Internal/Embedded Mount, Adhesive Mount, MHF / MHF1 / U.FL, Omnidirectional, Single Port,

3 < 6 dBi Peak Gain

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#### Antennas



Antenna Type: PCB

Band Type: Triple Band

Primary Application: Wi-Fi

Wireless Application: Bluetooth, Wi-Fi, Zigbee
Mounting Location: Internal/Embedded

## **Features**

## Product Type Features

Antenna Termination	MHF, MHF1, U.FL, UMCC
Antenna Product Type	Antenna
Configuration Features	
Antenna Style	PCB
Antenna Type	PCB
Band Type	Triple Band
Mounting Location	Internal/Embedded
Port Configuration	Single Port
Electrical Characteristics	
Impedance	50 Ω
Antenna Operation	Passive
VSWR (Max)	<2.7:1

5350 – 7000 MHz, 2450 – 2750 MHz

Signal Characteristics

Frequency Band



Gain (Max)	5.9 dB
Frequency Category	2400 – 7125
Peak Gain	3 < 6 dBi
Body Features	
Product Weight	1.2 g[.042 oz]
Mechanical Attachment	
Polarization	Linear
Mounting Type	Adhesive Mount
Dimensions	
Product Diameter	1.13 mm[.044 in]
Product Width	8 mm[.315 in]
Product Length	33 mm[1.299 in]
Product Height	1 mm[.039 in]
Cable Length	.15 m[.49 ft]
Cable Insulation Diameter (Max)	.7 mm[.028 in]
Operation/Application	
Wireless Standard	802.11 a/b/g/n/ac/ad/ax, Bluetooth, ZigBee & Wi-Fi
Directionality	Omnidirectional
ndustry Standards	
Primary Application	Wi-Fi
Wireless Application	Bluetooth, Wi-Fi, Zigbee
Product Availability	
Applicable Region	Global
ackaging 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
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EU ELV Directive 2000/53/EC	Out of Scope
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	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

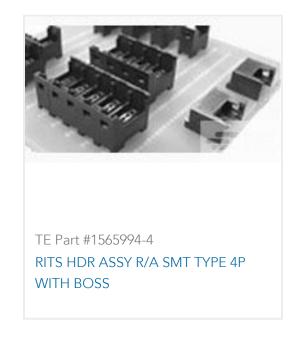
### Product Compliance Disclaimer

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 #834898-E SCH SCHE O-RING 10,0X1,0 NBR SCHWARZ M 1

TE Part #1931732-2 4kV QK COMBP TO THERAPY PCB TE Part #835283-E SCH SCHE O-RING M5 5X0,8 SCHWARZ M 5,00

### **Documents**

### **Product Drawings**

PCB ANT, MHF, 150mm, Wi-Fi TRIPLE BAND

English

### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_2344655-3\_B.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2344655-3\_B.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2344655-3\_B.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

### Datasheets & Catalog Pages

Data sheet of 2344655-X

English

Wi-Fi\_6\_6E\_Triple\_Band\_Datsheet

English

### **Product Specifications**

**Product Specification** 

English

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