



Antennas



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

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	Thin PCB
Antenna Type	Flexible PCB (FPC)
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

Signal Characteristics

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

Dimensions

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]
Cable Length	.2 m[.66 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

Industry Standards

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

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
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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




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


Customers Also Bought




TE Part #BAT-HLD-001-THM  
Battery Holder 2032 2025 THM Bulk Pack



TE Part #7-188275-4  
MICRO-MATCH SMD FTE



TE Part #1473005-1  
SEMI HARD TRAY DDR SOCKET 200P



TE Part #3-1879134-1  
RN 0603 20K5 0.1% 10PPM 1K RL





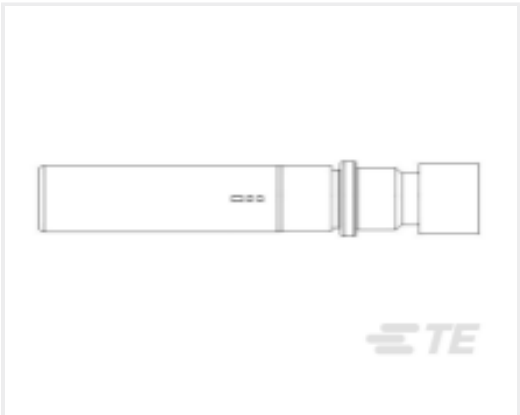
TE Part #1705549-1  
Invertible Modular Jack 8P shielded



TE Part #2199119-3  
M.2 0.5PITCH 3.2H KEY B 15U" AU



TE Part #CAT-D487-H342  
DEUTSCH DT Headers



TE Part #Y6162-218-12770000  
COAX SOC ASSY



TE Part #1483354-3  
MICRO-MATCH LEAD 12P 250MM

Documents

Product Drawings  
FPC ANTENNA, MHF, 200mm, Wi-Fi TRIPLE  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_2344657-4\_D.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2344657-4\_D.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2344657-4\_D.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