



TE Internal #: 1513273-1
PCB Antenna, Multi Band, Cellular / ISM, Internal/Embedded
Mount, Through-Hole/Tab Mount, Omnidirectional, 0 < 3 dBi Peak
Gain
[View on TE.com >](#)

Antennas



Antenna Type: **PCB**
Band Type: **Multi Band**
Primary Application: **Cellular, ISM**
Wireless Application: **Cellular, ISM**
Mounting Location: **Internal/Embedded**

Features

Product Type Features

Antenna Product Type	Antenna
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Configuration Features

Antenna Style	PCB
Antenna Type	PCB
Band Type	Multi Band
Mounting Location	Internal/Embedded

Electrical Characteristics

Impedance	50 Ω
Antenna Operation	Passive
VSWR (Max)	<3:1

Signal Characteristics

Frequency Band	824 – 960 MHz, 1710 – 1990 MHz
Gain (Max)	2 dB
Frequency Category	824 – 1990



Peak Gain	0 < 3 dBi
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Body Features

Product Weight	1.8 g[.0635 oz]
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Mechanical Attachment

Polarization	Linear
Mounting Type	Through-Hole/Tab Mount

Dimensions

Product Width	15.11 mm[.595 in]
Product Length	37.59 mm[1.4 in]
Product Height	1.57 mm[.062 in]

Operation/Application

Wireless Standard	US Dual & EU Dual Band
Directionality	Omnidirectional

Industry Standards

Primary Application	Cellular, ISM
Wireless Application	Cellular, ISM

Product Availability

Applicable Region	Americas, EU
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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	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

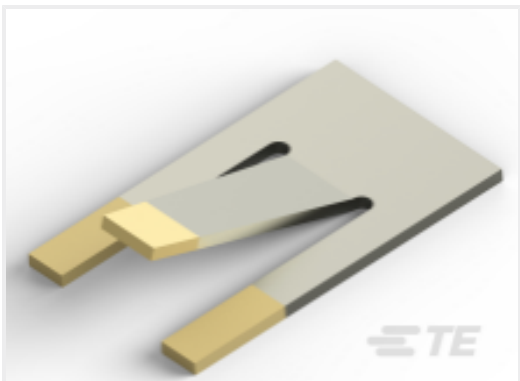

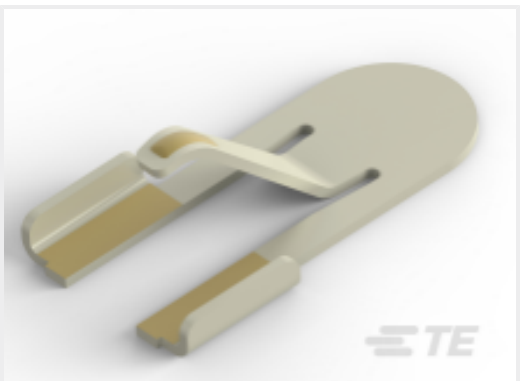








Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Hand solderable with lead free solder

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

 <p>TE Part # 1447009-5 SHIELD FINGER 0820 TYPE</p>	 <p>TE Part # 2199248-4 Shield Finger, Loose Piece, Type A, 1.0 h</p>	 <p>TE Part # 2199248-5 SHIELD FINGER, LOOSE PIECE, TYPE A, 1.3H</p>	 <p>TE Part # 2336713-2 SPRING FINGER 1.45H</p>
 <p>TE Part # 2306654-3 SPRING FINGER 1.8H</p>	 <p>TE Part # 2199001-1 SHIELD FINGER 1210 EMBOSS PACKING</p>	 <p>TE Part # 2040852-1 SHIELD FINGER 0820 N-B WITH SE</p>	 <p>TE Part # 2306334-3 SPRING FINGER 1.2H</p>
 <p>TE Part # 2306454-3 SPRING FINGER 2.3H</p>			

Customers Also Bought



TE Part #1-2176341-0
CRGCQ 0805 56R 1%

TE Part #2213362-4
RCPT ASSY,DIMMABLE
PHOTOCONTROL,105C,3/4

TE Part #2176342-5
CRGCQ 0805 4R7 5%

TE Part #2328823-3
LUMAWISE S 80MM DIA DOME
SMOKE GRAY TALL

TE Part #2-2343404-1
MODULE, 80MM LUMAWISE
ENDURANCE S,KEYED

TE Part #3-640441-3
03P MTA100 CONN ASSY WHT

TE Part #4-2176339-9
CRGCQ 0603 100K 1%

TE Part #1-2328823-3
LUMAWISE S 80MM DIA DOME
CLEAR TALL

TE Part #5-1676966-5
SMW2 18R 5%

TE Part #2444029-1
LUMAWISE MOTION Sensor,
Program, Rect.

Documents

Product Drawings
PCB Antenna DUAL BAND US EU
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1513273-1_D1.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1513273-1_D1.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1513273-1_D1.3d_stp.zip
English

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

Datasheets & Catalog Pages



PCB Antenna

English

Product Specifications

Product Specification

English