



Antennas



Wireless Application: Bluetooth, Cat-M/NB-IoT, Cellular, ISM, LoRaWAN, Wi-Fi

Mounting Location: Internal/Embedded

Mounting Type: Adhesive

Frequency Category: 698 – 2700

Antenna Type: PCB

Features

Product Type Features

Antenna Termination	SMA
Antenna Product Type	Antenna

Configuration Features

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

Electrical Characteristics

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

Signal Characteristics

Gain (Max)	3.9 dB
Frequency Band	698 – 960 MHz, 1560 – 2200 MHz, 2300 – 2700 MHz



Frequency Category	698 – 2700
Peak Gain	3 < 6 dBi

Body Features

Product Weight	4.2 g[.1482 oz]
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Mechanical Attachment

Polarization	Linear
Mounting Type	Adhesive

Dimensions

Cable Length	.13 m[.43 ft]
Product Width	14 mm[.551 in]
Product Length	110 mm[4.33 in]
Product Height	.02 mm[.052 in]

Operation/Application

Wireless Standard	LTE, UMTS, US Dual, EU Triband & WCDMA
Directionality	Omnidirectional

Industry Standards

Wireless Application	Bluetooth, Cat-M/NB-IoT, Cellular, ISM, LoRaWAN, Wi-Fi
Primary Application	Cat-M/NB-IoT, Cellular, ISM

Product Availability

Applicable Region	Americas, EU, 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 with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2024 (241)
Candidate List Declared Against: JUNE 2024 (241)
SVHC > Threshold:
Pb (3.2% in Component Part)
DCP (2.3% in Component Part)
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

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>

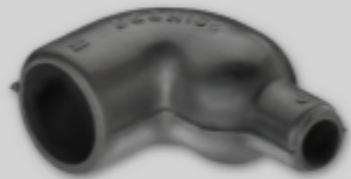
Compatible Parts



TE Part # 5-1814832-2
SMA Str PCB Skt GZD

TE Part # 2468121-1
SMA STR PCB SKT GZD

Customers Also Bought



TE Part #878513-000
Bulbous Heat Shrink Boots: Lipped, Right Angle



TE Part #154717-6
PL 250 REC TERMINAL 14-11 AWG PTPB



TE Part #1-1703543-0
2POS,TAB 2.8X0.8,TAB HSG,ASSY

Documents



Product Drawings

PCB Ant., SMA, 130mm, 0.7-2.7GHz

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2118879-4_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2118879-4_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2118879-4_D.3d_stp.zip

English

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

Datasheets & Catalog Pages

4G/3G/2G, NB-IoT, Cat-M, GNSS WORLD BAND ANTENNA

English

Product Specifications

Product Specification

English