



TE Internal #: 2118879-2

Antenna, CDMA 850 / CDMA 1900 / GSM 900, Non Conductive Surface, Adhesive, SMA, Cable Length 1.51 ft [.46 m], Embedded, PCB

[View on TE.com >](#)

Antennas



Wireless Application: CDMA 1900, CDMA 850, Cellular, GSM, GSM 1800, GSM 900, ISM, LTE, UMTS, ZigBee

Mounts To: **Non Conductive Surface**

Mounting Type: **Adhesive**

Antenna Connector Type: **SMA**

Cable Length: **.46 m [ 1.51 ft ]**

**Features**

**Product Type Features**

Antenna Connector Type	SMA
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**Configuration Features**

Band Type	LTE Band
Number of Ports	1
Antenna Style	Embedded
Antenna Type	PCB

**Electrical Characteristics**

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

**Signal Characteristics**

Frequency Band	1710 – 1880 MHz, 1850 – 1990 MHz, 1920 – 2170 MHz, 2300 – 2700 MHz, 698 – 960 MHz, 824 – 894 MHz, 868 – 870 MHz, 880 – 960 MHz
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Gain (Max)	3.9 dB
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### Body Features

Product Weight	4.2 g[.1482 oz]
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### Mechanical Attachment

Polarization	Linear
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Mounts To	Non Conductive Surface
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Mounting Type	Adhesive
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### Dimensions

Cable Length	.46 m[1.51 ft]
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Product Length	110 mm[4.33 in]
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Product Width	14 mm[.551 in]
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Product Height	.02 mm[.052 in]
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### Operation/Application

Coverage Type	Omnidirectional
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Wireless Standard	LTE, UMTS, US Dual, EU Triband & WCDMA
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### Industry Standards

Wireless Application	CDMA 1900, CDMA 850, Cellular, GSM, GSM 1800, GSM 900, ISM, LTE, UMTS, ZigBee
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### 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
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	
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Current ECHA Candidate List: JUNE 2022  
(224)

Candidate List Declared Against: JAN 2022  
(223)

SVHC > Threshold:

Pb (.11% 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

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 # 5-1814832-2  
SMA Str PCB Skt GZD

## Customers Also Bought



TE Part #HD16-5-16S  
PLUG ASM



TE Part #1825027-5  
FSMRA2JH04=R/A,TACT PB SW,160G



TE Part #180908  
FF 250 TAB HSG 2P NYLON NAT



TE Part #6-1879208-5  
CPF 0402 4K7 0.1% 25PPM 1K RL



TE Part #1735265-8  
1MM FPC HORZ.BOTTOM CONT.  
ASSY 8P (Au)



TE Part #MS583730BA01-50  
MS5837-30BA01 30BA T&R PRESSURE  
SEN



TE Part #YD369-R66-NS300000  
369 6 WAY REC, 20/22 CONTACTS,  
SKT



TE Part #T4133012081-000  
M12,FRONT MOUNT,FEMALE,A,8P,  
SOLDER WIRE



TE Part #5-794618-0  
20P MICRO MNL ASSY R/A HDR LF



TE Part #6162-253-1677  
COAX KIT SOC

## Documents

### Product Drawings

PCB Ant., SMA RA, 457mm, 0.7-2.7GHz

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2118879-2\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2118879-2\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2118879-2\\_C.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