



TE Internal #: 2195851-1
 Antenna, GNSS / 4G / LTE, Printed Circuit Board, Mounting Hole,
 Tab Mount, Wi-Fi - Global - 2400 – 2483.5 MHz / GNSS - Global -
 1559 – 1606 MHz

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Antennas



Wireless Application: **4G, GNSS, LTE**

Mounts To: **Printed Circuit Board**

Mounting Retention Type: **Mounting Hole**

Antenna Connection Type: **Tab Mount**

Application by Region: **GNSS - Global - 1559 – 1606 MHz, Wi-Fi - Global - 2400 – 2483.5 MHz**

Features

Product Type Features

Antenna Connection Type	Tab Mount
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Configuration Features

Band Type	7 Band
Antenna Protocol	LTE World Band
Number of Ports	1
Antenna Style	Embedded
Antenna Type	PCB

Electrical Characteristics

VSWR (Max)	<3:1
Impedance	50 Ω
Active Antenna	No

Signal Characteristics

Frequency Band	1420 – 1630 MHz, 1710 – 2700 MHz, 3200 – 3800 MHz, 4400 – 5000 MHz, 5150 – 5875 MHz, 5925 – 7125 MHz, 698 – 960 MHz
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Gain (Max)	4.6 dB
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Body Features

Product Weight	4 g [.141 oz]
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Mechanical Attachment

Region	Global
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Polarization	Linear
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Mounts To	Printed Circuit Board
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Mounting Retention Type	Mounting Hole
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Dimensions

Product Length	50 mm [2.16 in]
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Product Width	20 mm [.787 in]
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Product Height	1.58 mm [.062 in]
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Usage Conditions

Application by Region	GNSS - Global - 1559 – 1606 MHz, Wi-Fi - Global - 2400 – 2483.5 MHz
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Operation/Application

Wireless Standard	LTE, UMTS, US Dual, EU Triband & WCDMA
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Industry Standards

Wireless Application	4G, GNSS, LTE
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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	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211)
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Candidate List Declared Against: JUN 2020
(209)
SVHC > Threshold:
Not Yet Reviewed

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



TE Part # 2336713-2
SPRING FINGER 1.45H



TE Part # 2306654-3
SPRING FINGER 1.8H



TE Part # 2306334-3
SPRING FINGER 1.2H

Customers Also Bought



TE Part #1766600-2
INSULATION BOOT,#2,RED



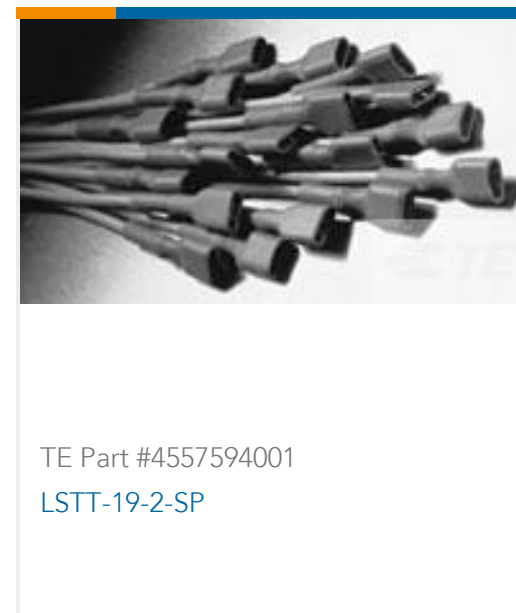
TE Part #1062-16-0177
DEUTSCH STAMPED & FORMED CONTACTS



TE Part #5054014010
RNF-3000 Single Wall Stick Heat Shrink



TE Part #T4151410004-002
M12 A-CODE FEMALE R/A SINGLE ENDED CABL



Documents

Product Drawings

PCB ANT, TAB MOUNT, 698-7125MHz, 60X20mm

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2195851-1_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2195851-1_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2195851-1_1.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

PCB ANT, TAB MOUNT, 698-7125MHz

English