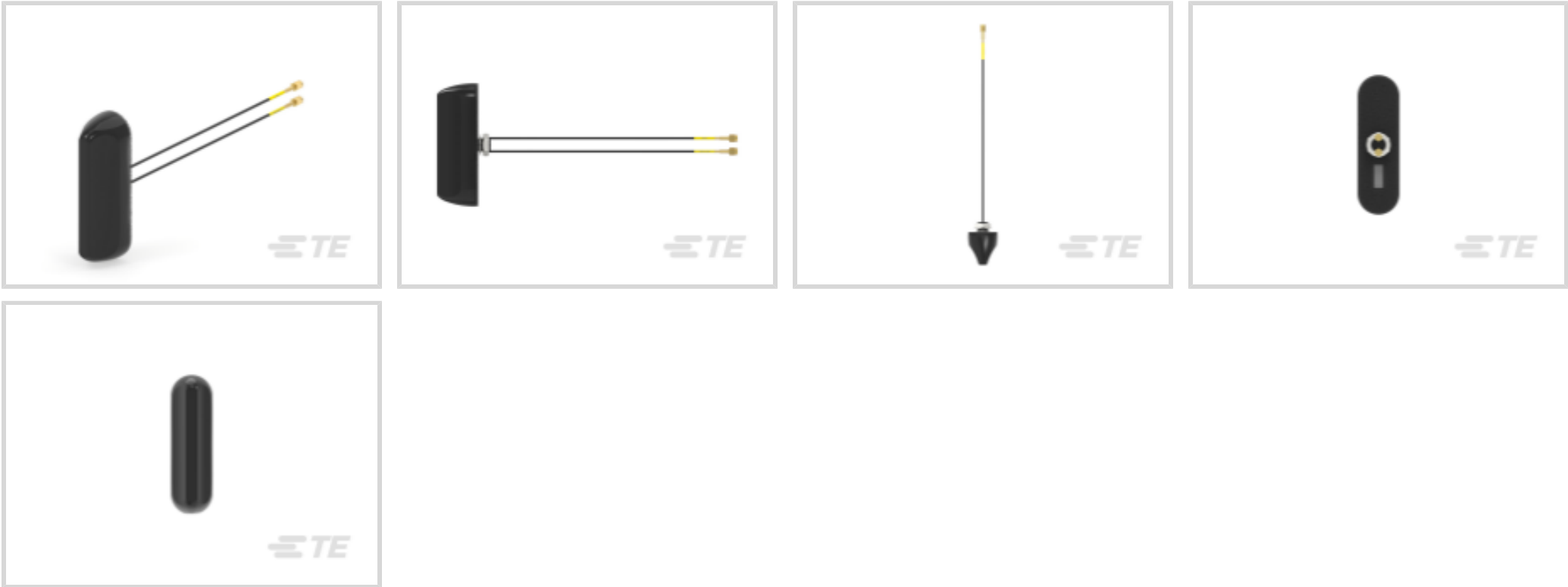




Antennas



Communication Protocol: Cellular

Mounting Location: External

Mounting Type: Stud/Screw/Lug Mount

Frequency Category: 698 – 4200

Antenna Type: Dome/Puck

Features

Product Type Features

Antenna Termination	SMA
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Disk-Puck
Mounting Location	External
Antenna Type	Dome/Puck
Band Type	Multi Band
Port Configuration	Multiple Ports

Electrical Characteristics

Impedance	50 Ω
Antenna Operation	Passive
VSWR (Max)	<4.0:1

Signal Characteristics

Frequency Band	698 – 760 MHz, 760 – 960 MHz, 1559 – 1606
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	MHz, 1690 – 2690 MHz, 3300 – 3800 MHz
Gain (Max)	6 dB
Frequency Category	698 – 4200
Peak Gain	> 6 dBi

Body Features

Antenna Weight	173 g[6.1 oz]
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Mechanical Attachment

Polarization	Linear
Mounting Type	Stud/Screw/Lug Mount

Dimensions

Product Width	45 mm[1.77 in]
Product Length	150 mm[5.9 in]
Product Height	50 mm[1.97 in]
Cable Length	1 m[3.3 ft]

Operation/Application

Antenna Environment	Outdoor
Wireless Standard	Cellular
Directionality	Omnidirectional

Industry Standards

IP Rating	IP67, IP69K
Communication Protocol	Cellular
Primary Application	Cellular

Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	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	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Melamine (.69% in Component Part) 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (.55% in Component Part) Pb (2.49% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # L000322-02
3-PORT - 2x 4G/5G,1x GNSS ANTENNA

TE Part # L000321-06
3-PORT - CELLULAR,WIFI & GNSS, FAKRA CON

TE Part # L000631-01
3 port (2x Cell, 1x GNSS),SMA 1.0M

TE Part # L000321-01
3-PORT - WIFI,4G/5G,GNSS ANTENNA



Customers Also Bought



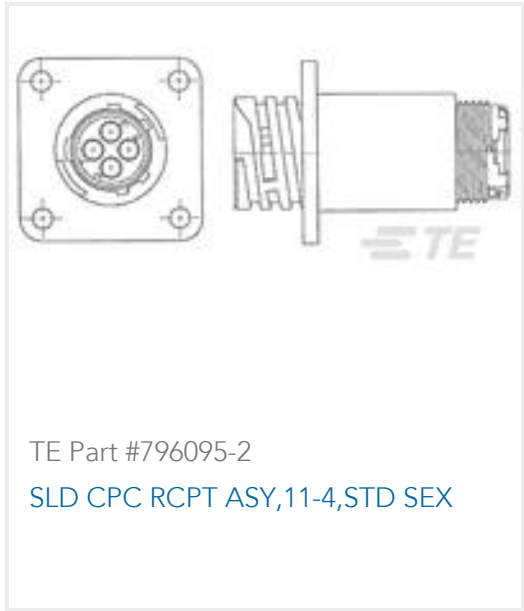
TE Part #T4011008031-000
M8,SCREW, MALE,S,UNSHIELD,3P, GOLD



TE Part #5052892055
RNF-100-1/16-0-STK



TE Part #L000322-02
3-PORT - 2x 4G/5G,1x GNSS ANTENNA



TE Part #796095-2
SLD CPC RCPT ASY,11-4,STD SEX



TE Part #1393219-6
PE014012



TE Part #1473005-4
SEMI-HARD TRAY DDR2 SODIMM SOCKET 200P 5



TE Part #1658621-1
10 NOVO MIL/CTR 15DP,LEAD FREE



TE Part #1981568-1
MICRO USB, TYPE B,



TE Part #5103309-1
A/L LOW PRO HDR 10P VERT BLACK



TE Part #826947-6
6P MOD2 STIFT LEI

Documents

Product Drawings
2-PORT - 2x 4G/5G ANTENNA

English

CAD Files
Customer View Model
ENG_CVM_CVM_L000322-01_1.3d_stp.zip

English

Customer View Model
ENG_CVM_CVM_L000322-01_1.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_L000322-01_1.3d_igs.zip

English

3D PDF

3D

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



Datasheets & Catalog Pages

[L000322-XX Datasheet](#)

English