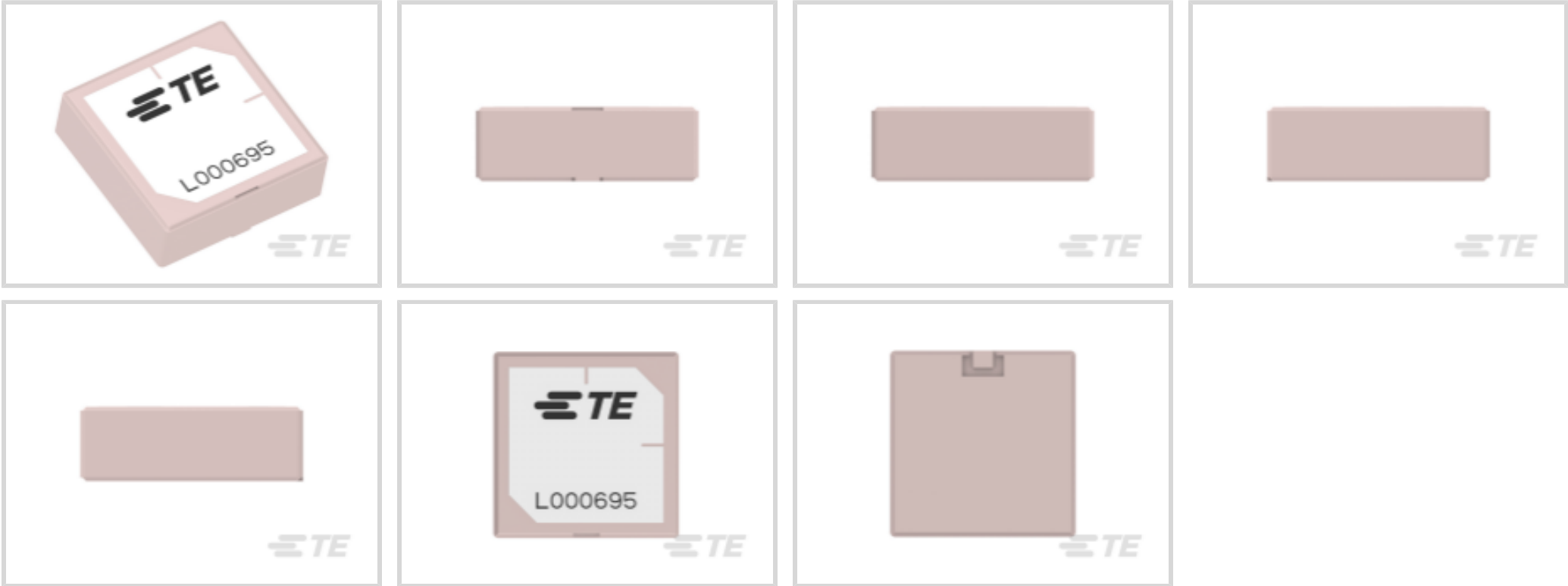




Antennas



Communication Protocol: **GNSS**

Mounting Location: **Internal/Embedded**

Mounting Type: **Surface Mount**

Frequency Category: **1420 – 1620**

Antenna Type: **Patch**

Features

Product Type Features

Antenna Termination	SMD
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Patch
Mounting Location	Internal/Embedded
Antenna Type	Patch
Band Type	Single Band
Port Configuration	Single Port

Electrical Characteristics

Impedance	50 Ω
Antenna Operation	Passive
VSWR (Max)	<2.8:1

Signal Characteristics

Frequency Band	1561 – 1602 MHz
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Gain (Max)	5.2 dB
Frequency Category	1420 – 1620
Peak Gain	3 < 6 dBi

Body Features

Antenna Weight	10 g[.352 oz]
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Mechanical Attachment

Polarization	Right
Mounting Type	Surface Mount

Dimensions

Product Width	18 mm[.708 in]
Product Length	18 mm[.708 in]
Product Height	6 mm[.236 in]

Operation/Application

Antenna Environment	Indoor
Wireless Standard	GPS
Directionality	Omnidirectional

Industry Standards

Communication Protocol	GNSS
Primary Application	GNSS

Product Availability

Applicable Region	Global
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Packaging Features

Packaging Method	Tape & Reel
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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	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: JUNE 2025 (250)
Does not contain REACH SVHC

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 # L000696-01
Ceramic Patch ant, 1561-1602MHz, 25x25x6

TE Part # L000691-01
Ceramic Patch ant, 1561-1602MHz, 20x20x6

Customers Also Bought

TE Part #L000682-01
SPLATCH 5G/LTE EUROPE WIDEBAND CHIP ANT

TE Part #L000691-01
Ceramic Patch ant, 1561-1602MHz, 20x20x6

TE Part #163088-1
062 SOC.ASS. TYP3+

TE Part #182641-1
17-14 CPC SQ FLANGE RECPT RS





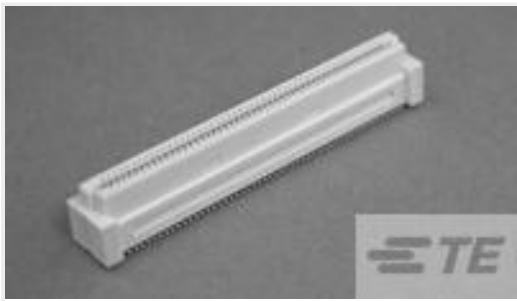
TE Part #206070-8
[CABLE CLAMP KIT #17](#)



TE Part #2199119-4
[M.2 0.5PITCH 3.2H KEY E 15U" AU](#)



TE Part #2834076-1
[5.0MM TOP ENTRY MSC 2P_GY](#)



TE Part #5-5179009-2
[0.8FH,R09H.5,060,08/Sn,TU](#)

Documents

Product Drawings

[Ceramic Patch ant, 1561-1602MHz, 18x18x6](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_L000695-01_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_L000695-01_A.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_L000695-01_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Ceramic Patch ant, 1561-1602MHz, 18x18x6](#)

English

[GNSS-L1-PASSIVE-CERAMIC](#)

English