

2118900-1 ✓ ACTIVE



GNSS

TE Internal #: 2118900-1

Antenna, GPS / GNSS, Printed Circuit Board, Embedded, PCB,
Product Length .39 in [10 mm], Width .39 in [10 mm], Height .04 in
[1 mm], GNSS

[View on TE.com >](#)

Antennas



Wireless Application: **GNSS, GPS**

Mounts To: **Printed Circuit Board**

Antenna Style: **Embedded**

Antenna Type: **PCB**

Product Length: **10 mm [.39 in]**

Features

Configuration Features

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

Electrical Characteristics

VSWR (Max)	< 2.0:1
Impedance	50 Ω
Antenna Operation	Passive

Signal Characteristics

Frequency Band	1560 – 1602 MHz
Gain (Max)	3.5 dB

Body Features

Product Weight	.5 g [.0176 oz]
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Mechanical Attachment

Polarization	Linear
Mounts To	Printed Circuit Board

Dimensions



Product Length	10 mm[.39 in]
Product Width	10 mm[.39 in]
Product Height	1 mm[.04 in]

Operation/Application

Coverage Type	Omnidirectional
Wireless Standard	GPS

Industry Standards

Wireless Application	GNSS, GPS
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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	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 245°C

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 # 2118709-2
1 PC STD SHIELD, CRS-32.00X32.00X6.00MM

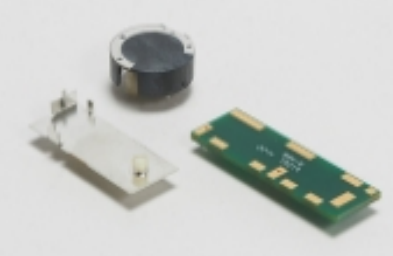


TE Part # 2118712-4
1 PC STD SHIELD, AL-44.37X44.37X9.75MM



TE Part # 8-2118900-1
2118900-1 ANTENNA WITH EVB ASSY 75MM

Also in the Series | GNSS



Antennas(14)

Customers Also Bought



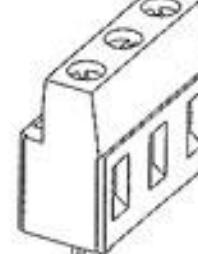
TE Part #1415899-1
RZ01-1A4-D005



TE Part #1622308-1
LR1 1% 120R



TE Part #2108994-1
4G LTE Antenna (PCB Type), T&R PKG



TE Part #282861-2
TERMI-BLOK PCB MOUNT 90 2P.7




TE Part #2108783-2
PCB ANTENNA, SMD, 617-3800MHz



TE Part #2108784-2
PCB ANTENNA, SMD, 698-6000MHz



TE Part #2108824-1
Chip ant., SMD, L1+G1



TE Part #611103-ZZ
ACCESSOIRE



Documents

Product Drawings

[GNSS GPS and Glonass SMD antenna](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2118900-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2118900-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2118900-1_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1-1773969-5-GNSS-2118900-1-ant-datasheet](#)

English