

1513634-1 ✓ ACTIVE

TE Internal #: 1513634-1

Antenna, GPS, Printed Circuit Board, Surface Mount (SMT), GPS - Global - 1565 – 1585 MHz, Embedded, Stamped, Height .238 in [6.05 mm]

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Antennas



Wireless Application: **GPS**

Mounts To: **Printed Circuit Board**

Antenna Connection Type: **Surface Mount (SMT)**

Application by Region: **GPS - Global - 1565 – 1585 MHz**

Antenna Style: **Embedded**

Features

Product Type Features

Antenna Connection Type	Surface Mount (SMT)
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Configuration Features

Band Type	Dual Band
Antenna Protocol	GPS
Number of Ports	1
Antenna Style	Embedded
Antenna Type	Stamped

Electrical Characteristics

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

Signal Characteristics

Frequency Band	1565 – 1585 MHz
Gain (Max)	0 dB

Body Features

Product Weight	1 g [.035 oz]
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Mechanical Attachment

Region	Global
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Polarization	Right Hand Circular
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Mounts To	Printed Circuit Board
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Dimensions

Product Diameter	16 mm[.63 in]
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Product Height	6.05 mm[.238 in]
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Usage Conditions

Application by Region	GPS - Global - 1565 – 1585 MHz
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Operation/Application

Wireless Standard	GPS
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Industry Standards

Wireless Application	GPS
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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
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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: JUN 2020 (209) Candidate List Declared Against: JUN 2018 (191) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 260°C
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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

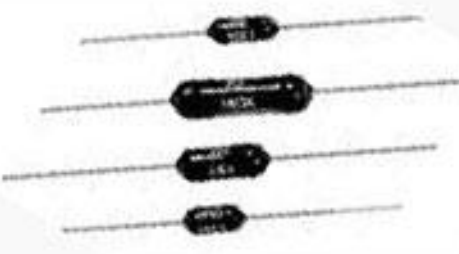


TE Model / Part # 2118708-4
1 PC STD SHIELD, AL-26.21X26.21X5.08MM



TE Model / Part # 2118712-2
1 PC STD SHIELD, CRS-44.37X44.37X9.75MM

Customers Also Bought



TE Model / Part #8-1879627-9
H4P 47K 1% 100PPM



TE Model / Part #5-104178-5
08 SYS 50 HDR SRST UNSHRD SN



TE Model / Part #1735481-1
0.8FH,R17H.5,040,08/Sn,TU,SC



TE Model / Part #827795-7
7P MOD2 STIFT LEI



TE Model / Part #2176370-9
RQ 0603 523R 0.1% 10PPM 5K RL



TE Model / Part #4-2176311-4
RP 1E 0.1W 3K24 0.1% 25PPM 1K RL



TE Model / Part #1-147323-3
14 MTE HDR SRRRA SMT.100CL



TE Model / Part #1513431-2
PCB ANTENNA SINGLE BAND BULK PKG



TE Model / Part #8-1879745-2
RP 1J 3K83 0.1% 15PPM CUT LENGTH



TE Model / Part #
INV MJ,1X3,PNL GRD,LED (G/Y)

Documents

[Product Drawings](#)



400411LF Molded Stamped Antenna

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1513634-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1513634-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1513634-1_E.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Puck Antenna](#)

English