

ANT-GNCP-C25L125100 ✓ ACTIVE

TE Internal #: L9000173-01

Patch Antenna, Multi Band, GPS / GNSS, Internal/Embedded
Mount, Adhesive, U.FL / UMCC / MHF, Directional, Single Port,
Gain > 6 dBi

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Antennas



Wireless Application: **GNSS, GPS**

Mounting Location: **Internal/Embedded**

Mounting Type: **Adhesive**

Antenna Termination: **MHF, MHF1, U.FL, UMCC**

Antenna Type: **Patch**

Features

Product Type Features

Antenna Product Type	Antenna
Antenna Termination	MHF, MHF1, U.FL, UMCC

Configuration Features

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

Signal Characteristics

Nominal Frequency Range	1164 – 1610
Peak Gain	> 6 dBi

Mechanical Attachment

Mounting Type	Adhesive
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Operation/Application

Directionality	Directional
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Industry Standards

Wireless Application	GNSS, GPS
Primary Application	GNSS, GPS



Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (3.26% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. 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, I < 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

 <p>TE Part # CONMHF1-SMD-G-T U.FL/MHF1 Jack 50 Ohm PCB Surface Mount</p>	 <p>TE Part # CONMHF1-SMD-T U.FL/MHF1 Jack 50 Ohm PCB Surface Mount</p>	 <p>TE Part # CONUFL001-SMD Conn UFL MHF Straight PCB Mount Jack</p>	 <p>TE Part # CONUFL001-SMD-T U.FL/MHF1 Jack 50 Ohm PCB Surface Mount</p>
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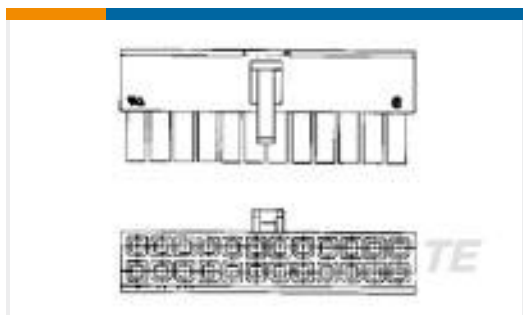
Customers Also Bought



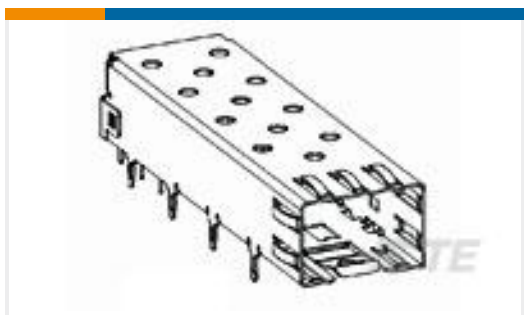
TE Part #1367073-1
20 POS SMT CONN, SFP, 15AU



TE Part #556879-2
PLUG HSG, AMPINNERGY WTB, 2 POS



TE Part #794954-4
4P RCPT VAL-U-LOK V2



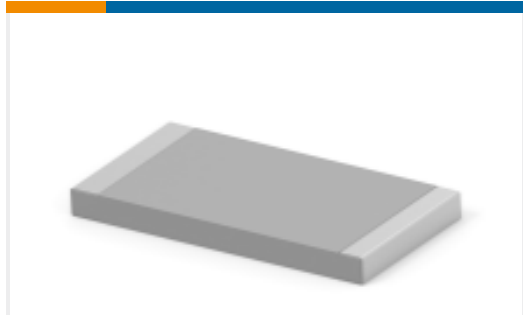
TE Part #2227302-1
CAGE ASSY, PRESS FIT, SFP



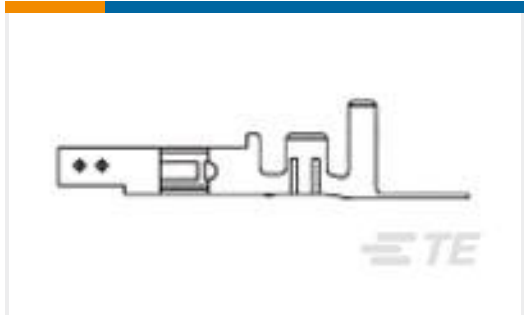
TE Part #556883-2
CONT, AMPINNERGY WTB, STRIP, 14-18



TE Part #2301996-8
RJ45 JACK INT. MAG. 1GB LED 1X2



TE Part #2-2176331-9
CRGP 2512 2K2 1%



TE Part #2238017-1
VAL-U-LOK SKT BR SN 18-22AWG



TE Part #ANT-GNCP-C257L160
Antenna GNSS L1 25x25 LNA 1.13 UFL



TE Part #ANT-GNCP-C25L12100
Antenna GNSS L1L2 25x25 LNA 1.13 UFL

Documents

Product Drawings

[Antenna GNSS L1L2L5 25x25 LNA 1.13 UFL](#)

English

Datasheets & Catalog Pages

[Sub-6 Cellular LTE-5G NR Frequency Band Guide](#)

English

[L1/L2/L5 Active Ceramic Patch GNSS Antenna](#)

English

[Virtual Antenna](#)

English

[Microplatch Ground Plane Optimization](#)

English

[RF 101 Information for the RF Challenged](#)

English