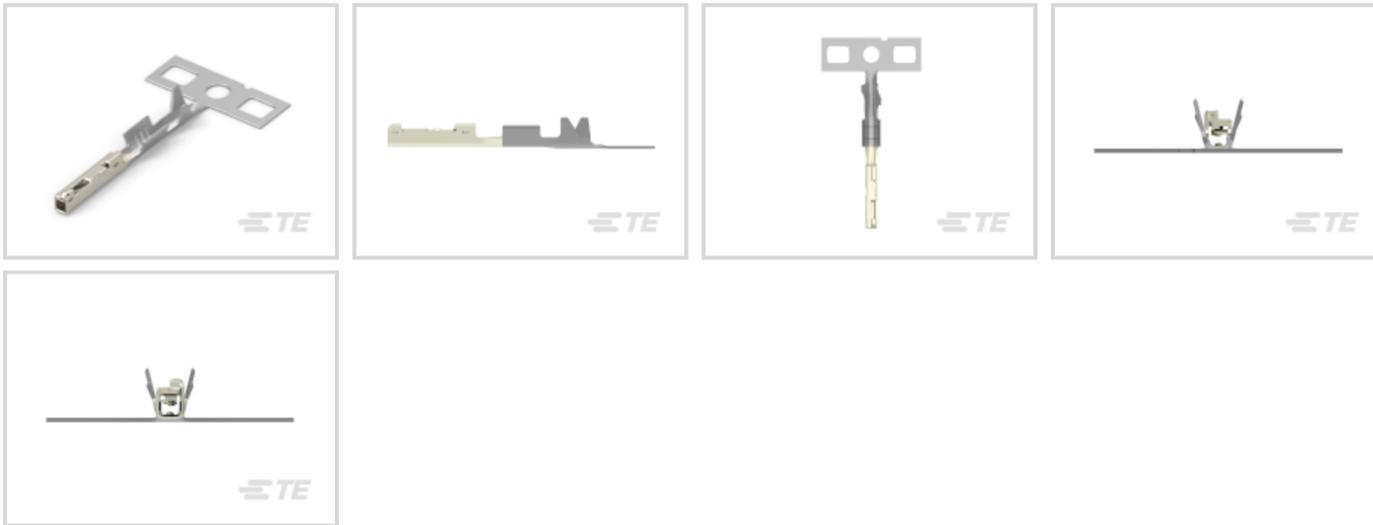




Automotive Parts > Automotive Terminals



Terminal Type: **Receptacle**

Wire Size: **24 – 22 AWG**

Mating Tab Width: **.5 mm [.02 in]**

Interface Plating: **Gold (Au)**

Features

Product Type Features

Primary Locking Feature	Clean Body
Sealable	No

Body Features

Terminal Seal Type	Unsealed
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Contact Features

Crimp Type	F-Crimp
Contact Size	.5mm
Contact Fabrication	Stamped & Formed
Terminal Type	Receptacle
Mating Tab Width	.5 mm [.02 in]
Interface Plating	Gold (Au)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions



Compatible Insulation Diameter Range	.95 – 1.2 mm [.037 – .047 in]
Wire Size	24 – 22 AWG
Wire Size Search	.2 mm ² , .25 mm ² , .3 mm ²
Tab Length	12.9 mm [.5 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	85 °C [185 °F]
Operating Temperature Range	-30 – 85 °C [-22 – 185 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
Packaging Quantity	11500

Other

Terminal Transmits	0 – 24 A (Low Power)
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Product Compliance

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

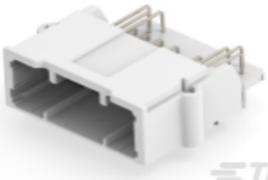
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does 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 applicable 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 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>

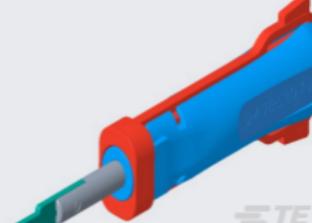
Compatible Parts



TE Part # 1939440-1
0.5 30POS CAP ASSY DIP SCREW



TE Part # 2151147-1
OCEAN-2.0-APPLICATOR-S-042F042O-RSM



TE Part # 2478539-1
EXTRACTION TOOL



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



KIT
REPRESENTATION ONLY

TE Part # 7-2151147-7
OCEAN_2.0_SPARE_PART_KIT-042F042O



TE Part # CAT-A12-CH8172
0.50 CONNECTOR SYSTEM, CONNECTOR HOUSING



TE Part # 2151147-2
OCEAN-2.0-APPLICATOR-S-042F042OA-RSA



TE Part # CAT-HPCH5372
High Pin Count Header



TE Part # 2013031-2
0.50 SERIES 24POS PLUG ASSY

Also in the Series | 0.50 Connector System



Automotive Connector Caps & Covers (20)



Automotive Housings(65)



Automotive Seals & Cavity Plugs(2)



Automotive Signal & Power Headers (26)



Automotive Terminals(15)

Customers Also Bought

TE Part #CAT-D48-ST273
DEUTSCH Solid ContactsTE Part #DT04-2P
REC, 2P, GRY, NTE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DTTE Part #DT06-2S
PLG, 2P, GRY, NTE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHTTE Part #281934-2
SINGLE WIRE SEALTE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING

Documents

Product Drawings

0.50 SERIES CONNECTER RECEPTACLE CONTACT

Japanese

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1903703-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1903703-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1903703-1_C.3d_stp.zip](#)

English

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



Product Specifications

Application Specification

English

Application Specification

Japanese

Instruction Sheets

0.50/1.5 HYBRID SERIES UNSEALED CONNECTOR (SMT-TYPE)

English

Instruction Sheet (U.S.)

English