

1827855-1 ✓ ACTIVE

AMP | 0.50 Connector System

TE Internal #: 1827855-1

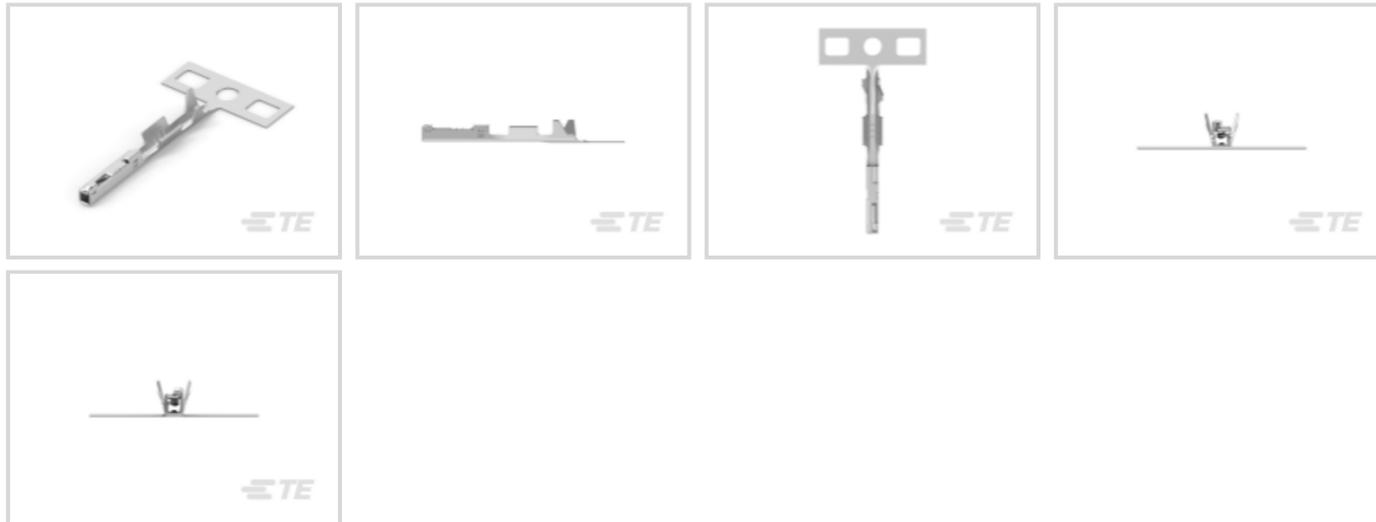
Receptacle Terminal, 24 – 22 AWG, .22 – .35 mm² Wire, .5 mm [.02 in] Tab Width, Tin (Sn), .4 mm [.015 in] Tab Thickness, 0.50

Connector System

[View on TE.com >](#)



Automotive Parts > Automotive Terminals



Terminal Type: **Receptacle**

Wire Size: **24 – 22 AWG**

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

Interface Plating: **Tin (Sn)**

Features

Product Type Features

Receptacle Style	180°
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	Tin (Sn)
Mating Tab Thickness	.4 mm [.015 in]

Termination Features



Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire
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Dimensions

Compatible Insulation Diameter Range	.95 – 1.2 mm [.037 – .047 in]
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Wire Size	24 – 22 AWG
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Wire Size Search	.2 mm ² , .25 mm ² , .3 mm ²
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Tab Length	12.9 mm [.51 in]
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Usage Conditions

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

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
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Packaging Quantity	14500
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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
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EU ELV Directive 2000/53/EC	Compliant
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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
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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
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Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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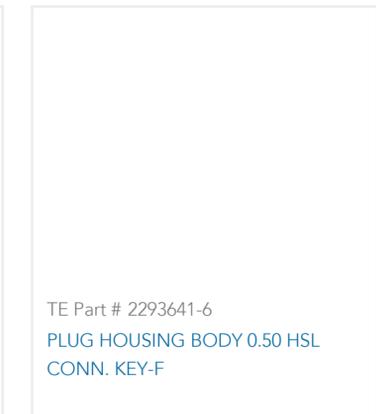
Solder Process Capability	Not reviewed for solder process capability
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Product Compliance Disclaimer

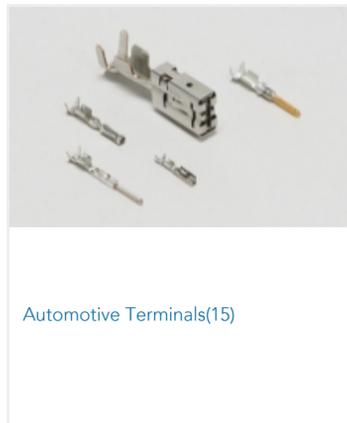
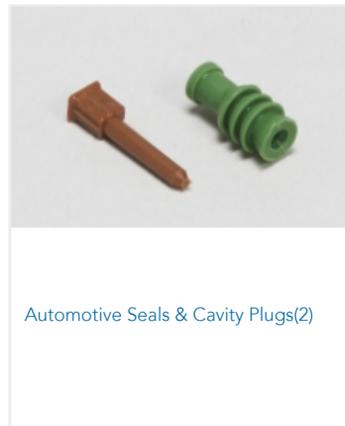
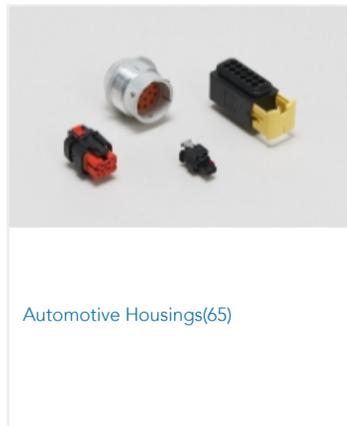
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # 2317636-1 USB-HSL CABLE ASSY</p>	 <p>TE Part # 2293641-6 PLUG HOUSING BODY 0.50 HSL CONN. KEY-F</p>	 <p>TE Part # 2310458-2 USB,CABLE ASSY</p>	 <p>TE Part # 2013031-2 0.50 SERIES 24POS PLUG ASSY</p>
 <p>TE Part # 2288971-1 USB-HSL CABLE ASSY FOR BYD 5A</p>	 <p>TE Part # 2311886-1 USB-HSL CABLE ASSY</p>	 <p>TE Part # 2317735-1 USB-HSL CABLE ASSY</p>	 <p>TE Part # 2151147-1 OCEAN-2.0-APPLICATOR-S- 042F042O-RSM</p>
 <p>TE Part # 2310458-1 USB,CABLE ASSY</p>	 <p>TE Part # 1299381-1 CABLE ASSY-AE PHEV OBC PWR BRD FB</p>	 <p>TE Part # 1891600-1 EXTRACTION TOOL</p>	 <p>TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp</p>
 <p>TE Part # 1554289-1 0.50 CONN 40P PLUG ASSY KEYING TYPE2</p>	 <p>TE Part # CAT-MINH6642 Miniature Automotive I/O Headers</p>	 <p>TE Part # 2151147-2 OCEAN-2.0-APPLICATOR-S- 042F042OA-RSA</p>	 <p>TE Part # CAT-HPCH5372 High Pin Count Header</p>



Also in the Series | 0.50 Connector System



Customers Also Bought





Documents

Product Drawings

0.50 SERIES CONNECTER RECEPTACLE CONTACT

Japanese

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1827855-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1827855-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1827855-1_B.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