



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

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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 mm², .25 mm², .3 mm²
Tab Length	12.9 mm[.51 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	14500

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



TE Part # 2310458-2
USB,CABLE ASSY

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

Also in the Series | 0.50 Connector System

Automotive Housings(65)

Automotive Seals & Cavity Plugs(2)

Automotive Signal & Power Connector Housings(65)

Customers Also Bought

TE Part #1438543-1
18P SMT LAC HDR ASY KEY CF,BLK

TE Part #1717118-1
0.64 III 32POS PLUG ASSY

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

TE Part #1827855-2
0.50 SERIES CONNECTER RECEPTACLE CONTACT

TE Part #2174100-1
CAP HOUSING ASSEMBLY 130POS 0.5 /1.0

TE Part #2293641-4
PLUG HOUSING BODY 0.50 HSL CONN. KEY-D

TE Part #2302510-1
1-PORT MATENET FRAME,STP, COD A

TE Part #2326911-3
FAKRA AUT,SOC HSG,UNSLD, 180DEG,COD C

TE Part #2174100-2
CAP HOUSING ASSEMBLY 130POS 0.5 /1.0



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