



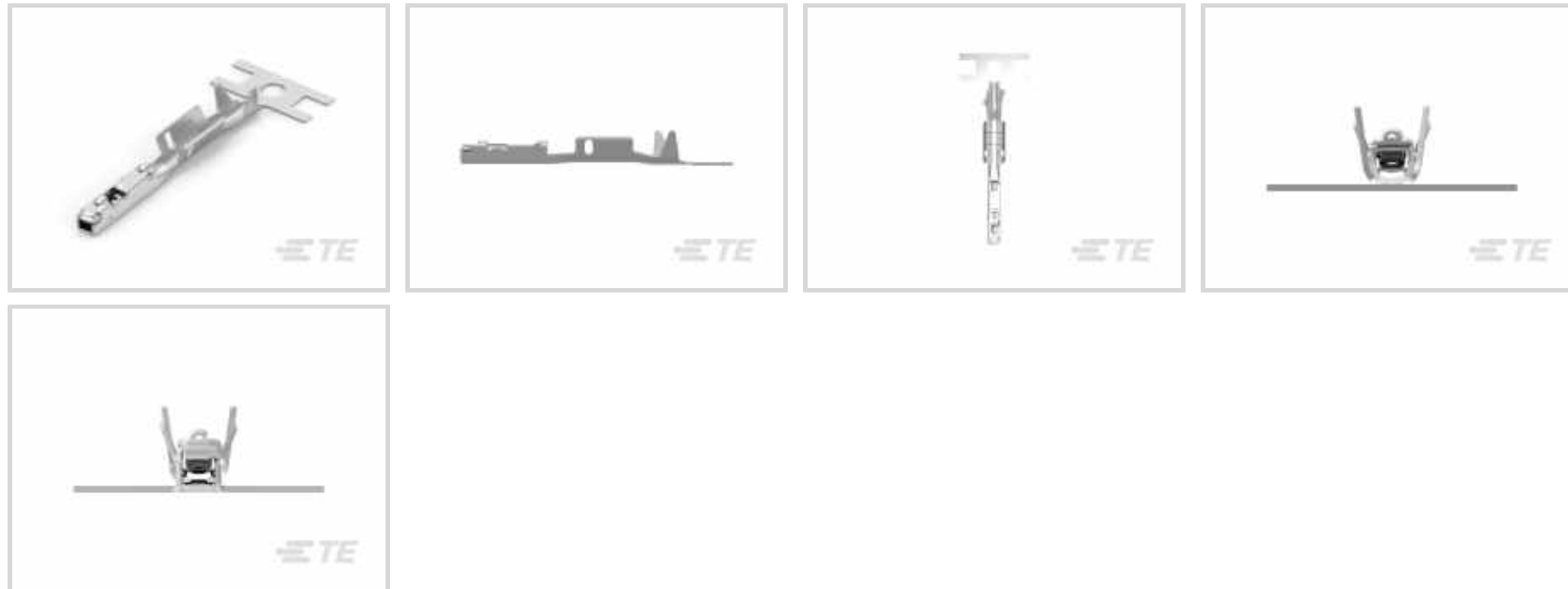
0.50 Connector System

TE Internal #: 1939349-1

Automotive Terminals, Receptacle, Mating Tab Width .02 in [.5 mm], Tab Thickness .016 in [.4 mm], 22 – 20 AWG Wire Size, 0.50 Connector System

[View on TE.com >](#)

Terminals & Splices > Automotive Terminals



Terminal Type: **Receptacle**

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

Mating Tab Thickness: .4 mm [.016 in]

Terminal Transmits: 0 – 24 A (Low Power)

Wire Size: 22 – 20 AWG

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Clean Body

Body Features

Terminal Seal Type	Family Seal
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Contact Features

Contact Size	.5mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	4 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	.5 mm[.02 in]
Mating Tab Thickness	.4 mm[.016 in]



Interface Plating	Tin (Sn)
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Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Accepts Wire Insulation Diameter Range	1.4 – 1.7 mm [.055 – .067 in]
Wire Size	.35 – .5 mm ²
Wire Size Search	20 AWG, 21 AWG, 22 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C [176 °F][185 °F] [194 °F][212 °F]
Operating Temperature Range	-40 – 100 °C [-40 – 212 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Agency/Standard	LV214
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Packaging Features

Packaging Quantity	11000
Packaging Method	Reel

Other

Customer Preferred Contact	No
Terminal Transmits	0 – 24 A (Low Power)

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: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC



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	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 # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp</p>	 <p>TE Part # 2-2151835-1 OCEAN-2.0-APPLICATOR-S-055F0700</p>	 <p>TE Part # 2-2151835-2 OCEAN-2.0-APPLICATOR-S-055F0700A</p>	 <p>TE Part # 2151835-1 OCEAN-2.0-APPLICATOR-S-055F0700</p>
 <p>TE Part # 2151835-2 OCEAN-2.0-APPLICATOR-S-055F0700A</p>	 <p>TE Part # 2303790-1 PLUG ASSEMBLY 114POS</p>	 <p>TE Part # 2304106-1 PLUG ASSEMBLY 72P</p>	 <p>TE Part # 7-2151835-1 OCEAN-2.0-APPLICATOR-S-055F0700</p>
 <p>TE Part # 7-2151835-2 OCEAN-2.0-APPLICATOR-S-055F0700A</p>	 <p>KIT REPRESENTATION ONLY</p> <p>TE Part # 7-2151835-7 OCEAN_2.0_SPARE_PART_KIT-055F0700</p>		

Also in the Series | 0.50 Connector System



Automotive Housings(28)



Automotive Seals & Cavity Plugs(2)



Automotive Terminals(8)

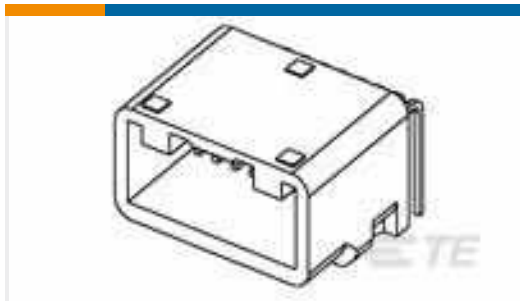


Insertion & Extraction Tools(1)

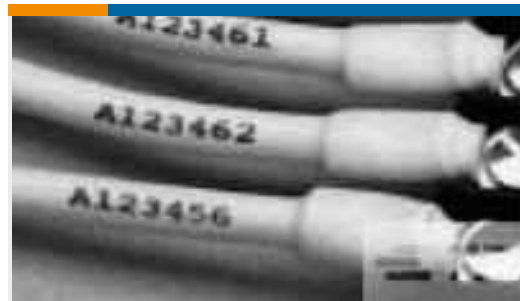


PCB Headers & Receptacles(15)

Customers Also Bought



TE Part #1-1318382-4
025 16POS CAP ASSY H RND



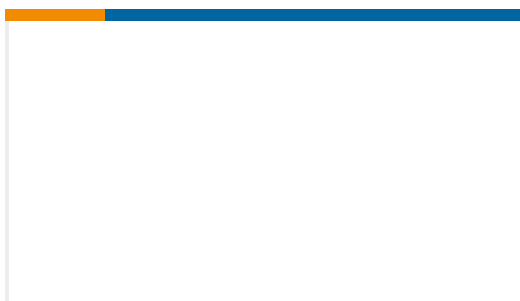
TE Part #5052896123
RNF-100-1/16-0-50MM



TE Part #F71884-000
ES2000-NO.3-B8-0-60MM



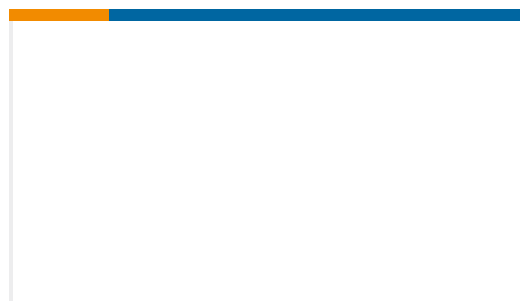
TE Part #130599P010
ES2000-NO.4-B7-0-40MM



TE Part #1-2280624-9
SCR MOTOR CONTROLLER, 220 VAC



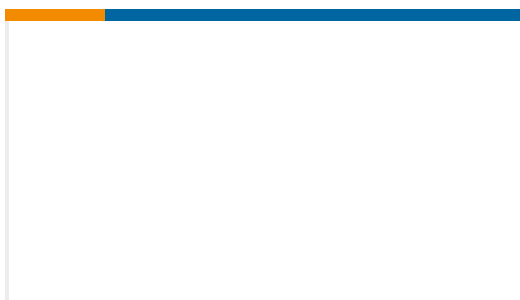
TE Part #1674311-8
0.64 III RCPT NON SEALED Au



TE Part #1674936-6
0.64 III RCPT NON SEALED Au (S)



TE Part #2280624-4
REPLACEMENT BRUSH SET (2)



TE Part #CS9985-000
ES2000-NO.2-O6-0-35MM-CS9156

Documents



Product Drawings

0.5 SEALED RECEPTACLE CONTACT Sn

Japanese

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1939349-1_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1939349-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1939349-1_D.3d_stp.zip](#)

English

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

Product Specifications

Application Specification

Japanese

CRIMPING OF SEALED 0.5/1.0 RECEPTACLE CONTACT

Japanese

SEALED 0.5/1.0 RECEPTACLE CONTACT

Japanese

Application Specification

Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese

Instruction Sheet (non U.S.)

Japanese

Extraction Tool, 0.5/1.0 Series Sealed Contact

Japanese