



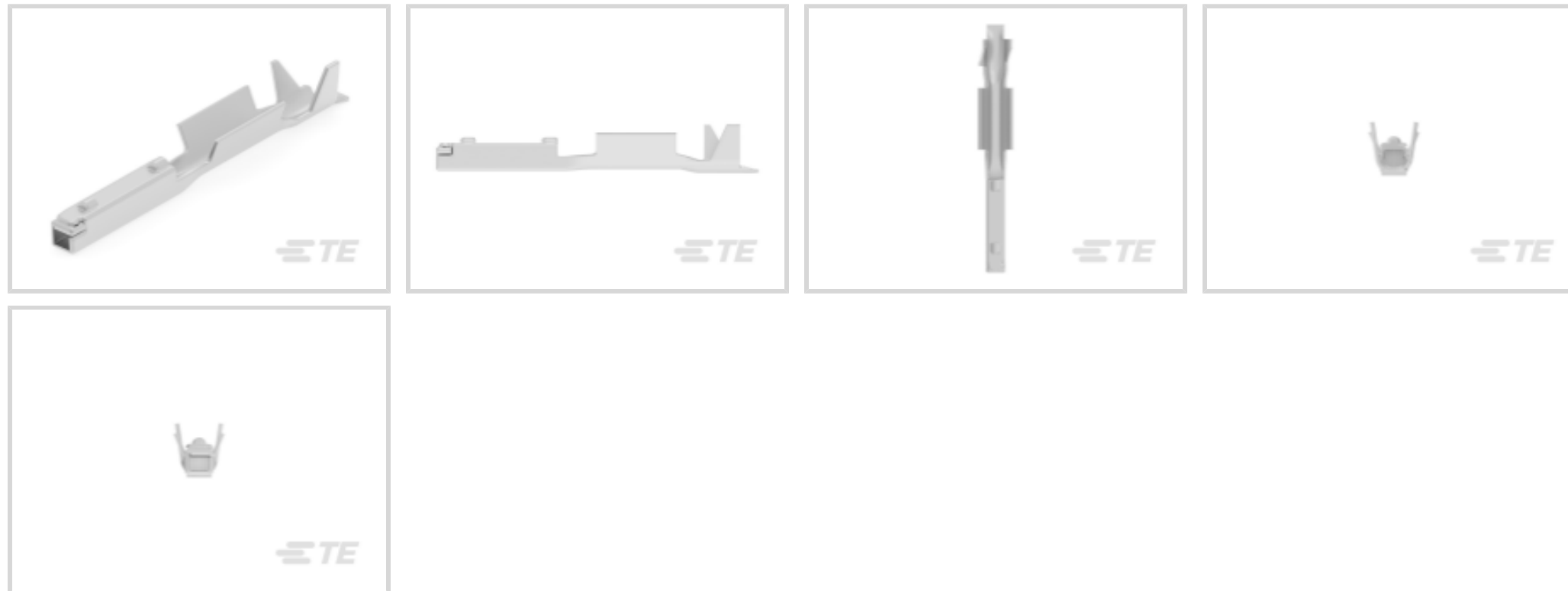
AMP | 0.50 Connector System

TE Internal #: 1939349-1

Receptacle Terminal, 22 – 20 AWG, .38 – .54 mm² Wire, .5 mm [.02 in] Tab Width, Tin (Sn), Sealable, 0.50 Connector System

[View on TE.com >](#)

Automotive Parts > Automotive Terminals



Terminal Type: **Receptacle**

Wire Size: **22 – 20 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	Yes

Body Features

Terminal Seal Type	Family Seal
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Contact Features

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



Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.4 – 1.7 mm [.055 – .067 in]
Wire Size	22 – 20 AWG
Wire Size Search	.38 mm ² , .4 mm ² , .54 mm ²
Tab Length	16.25 mm [.64 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	100 °C [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

Compatible With Agency/Standards Products	LV214
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Packaging Features

Packaging Method	Reel
Packaging Quantity	11000

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC



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



KIT
REPRESENTATION ONLY

TE Part # 7-2151835-7
OCEAN_2.0_SPARE_PART_KIT-055F0700



TE Part # 2303790-1
PLUG ASSEMBLY 114POS



TE Part # 2151835-2
OCEAN-2.0-APPLICATOR-S-055F0700-RSA



TE Part # 2151835-1
OCEAN-2.0-APPLICATOR-S-055F0700-RSM




TE Part # 2304106-1
PLUG ASSEMBLY 72P

Also in the Series | 0.50 Connector System



Automotive Connector Caps & Covers (20)



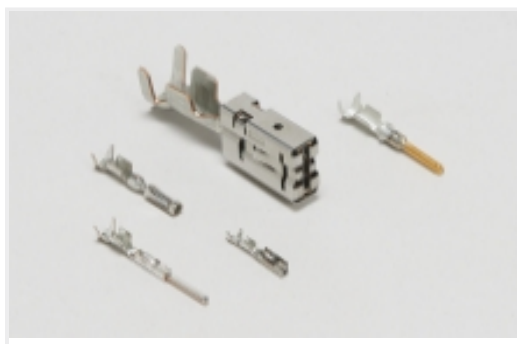
Automotive Housings(186)



Automotive Signal & Power Connector Housings(186)



Automotive Signal & Power Headers (26)



Automotive Terminals(34)

Customers Also Bought



TE Part #184022-1
2 POS. PLUG ASSY, KEY M, BLACK



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



TE Part #1939351-1
1.0 SEALED RECEPTACLE CONTACT
Sn



TE Part #1981561-2
0.50 SERIES CAVITY PLUG



TE Part #2040113-1
0.50/1.0/2.8 SEALED LEVER 114POS



TE Part #2201289-1
1.0 SEALED RECEPTACLE CONTACT
SS-SIZE SN



TE Part #2-2236896-5
2POS, MCON 1.2 LL REC SEALED



TE Part #2260824-1
0.5/2.8 SEALED SINGLE WIRE SEAL



TE Part #1-2282364-1
AMP MCP 2.8, CONTACT SWS
LANCELESS



TE Part #2303827-1
COVER ASSEMBLY 114POS

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

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

Instruction Sheet (non U.S.)

Japanese

Extraction Tool, 0.5/1.0 Series Sealed Contact

Japanese

Instruction Sheet (non U.S.)

Japanese

Instruction Sheet (non U.S.)

English