

1939351-1 ✓ ACTIVE

AMP | 0.50 Connector System

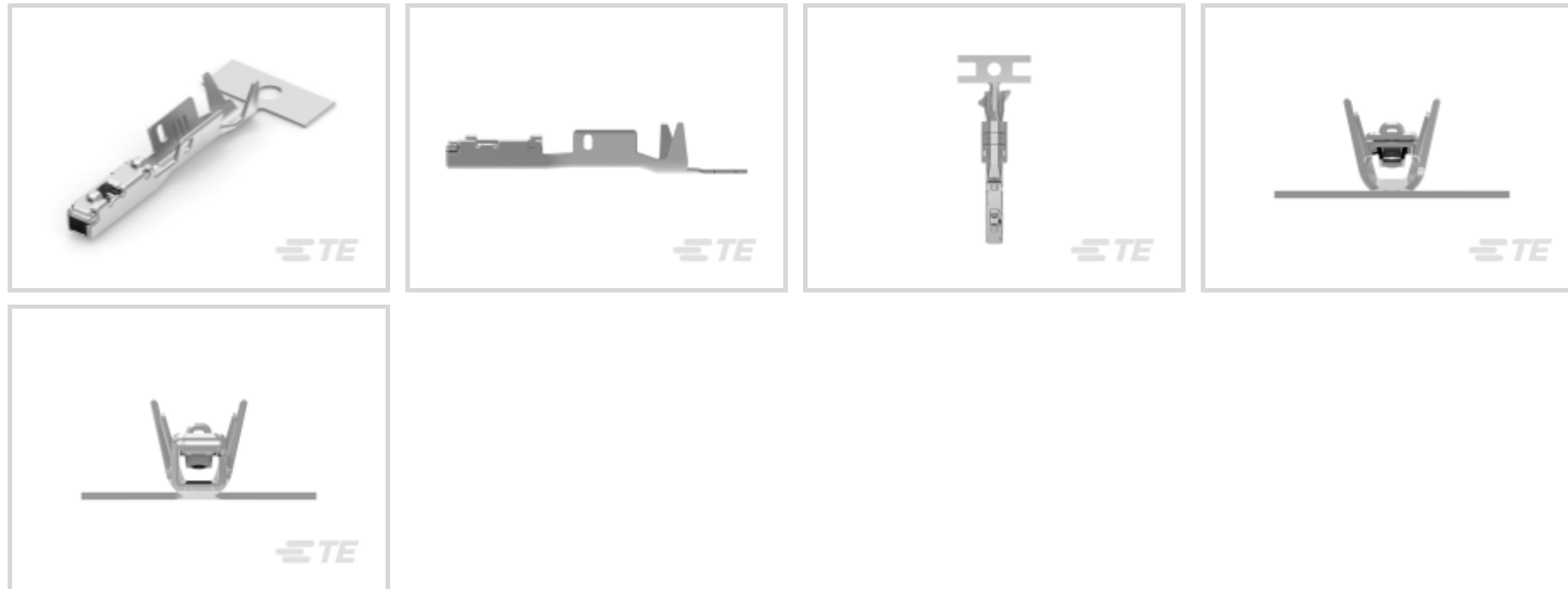
TE Internal #: 1939351-1

Automotive Terminals, Receptacle, Mating Tab Width 1 mm [.039 in], Tab Thickness .64 mm [.025 in], 18 – 17 AWG Wire Size, 0.50 Connector System

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals



Terminal Type: **Receptacle**

Mating Tab Width: 1 mm [.039 in]

Mating Tab Thickness: .64 mm [.025 in]

Terminal Transmits: 0 – 24 A (Low Power)

Wire Size: 18 – 17 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	1mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	6 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	1 mm [.039 in]
Mating Tab Thickness	.64 mm [.025 in]



Interface Plating	Tin (Sn)
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### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

### Dimensions

Compatible Insulation Diameter Range	1.8 – 2.2 mm [.071 – .087 in]
Wire Size	.75 – 1 mm <sup>2</sup>
Wire Size Search	17 AWG, 18 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

Compatible With Agency/Standards Products	LV214
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### Packaging Features

Packaging Quantity	5000
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: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) 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

TE Part # 2069957-1  
0.50/1.0 SEALED WIRE COVER 140P TYPE-II

TE Part # 2151836-1  
OCEAN\_2.0\_Applicator-S-070F086O-RSM

TE Part # 2151836-2  
OCEAN\_2.0\_Applicator-S-070F086O-RSA

TE Part # 2290490-1  
16POS,1.0 SERIES,REC HSG ASSY,SLD

TE Part # 2303790-1  
PLUG ASSEMBLY 114POS

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

TE Part # 5-2151836-1  
OCEAN\_2.0\_Applicator-S-070F086O-RSM

TE Part # 5-2151836-2  
OCEAN\_2.0\_Applicator-S-070F086O-RSA

**KIT**  
REPRESENTATION ONLY

TE Part # 7-2151836-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-070F086O

**KIT**  
REPRESENTATION ONLY

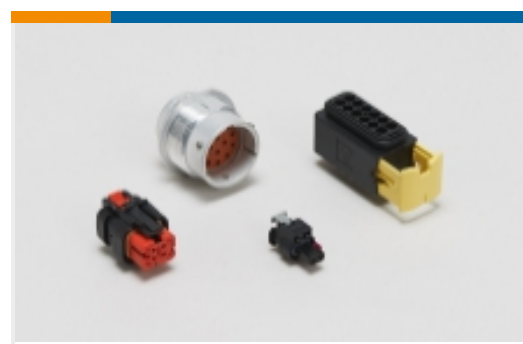
TE Part # 7-2836985-7  
OC-070F086O-CRIMP TOOLING KIT

TE Part # 7-2151836-1  
OCEAN\_2.0\_Applicator-S-070F086O

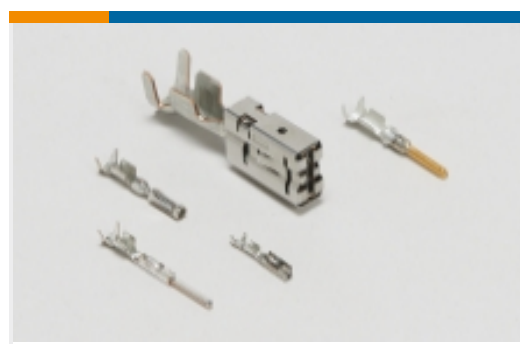
## Also in the Series | 0.50 Connector System



Automotive Connector Caps & Covers (20)



Automotive Housings(52)



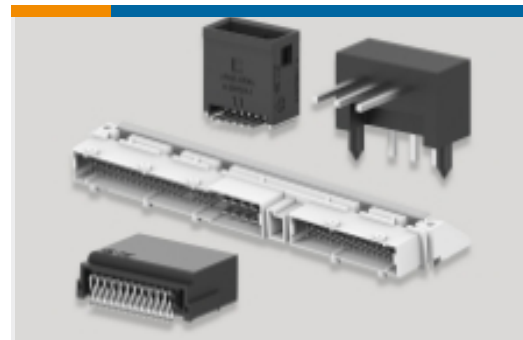
Automotive Terminals(14)



Connector Seals & Cavity Plugs(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(37)

## Customers Also Bought



TE Part #1-2112780-7  
AMP MCP, SEALED CONNECTOR HOUSING



TE Part #1-2236793-3  
SMARTSEAL TERMINAL



TE Part #1827120-1  
SQUIB LOCKING BUTTON



TE Part #1-2066502-4  
COVER 2 POS MINI FUSE BOX, MAT-2



TE Part #2066046-3  
2 POS MINI FUSE BOX ASSY



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



TE Part #2290490-1  
16POS,1.0 SERIES,REC HSG ASSY,SLD



TE Part #2373835-1  
2POS,MQS,REC HSG ASSY,SLD,COD A



TE Part #1-2066502-1  
COVER, 2POS MINI FUSE BOX HOUSING, MAT-2

## Documents



## Product Drawings

### 1.0 SEALED RECEPTACLE CONTACT Sn

Japanese

## CAD Files

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1939351-1\\_E.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1939351-1\\_E.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1939351-1\\_E.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