# 1939351-1 ✔ ACTIVE

AMP | 0.50 Connector System

TE Internal #: 1939351-1

Receptacle Terminal, 18 – 16 AWG, .75 – 1.25 mm² Wire, 1 mm [.04 in] Tab Width, Tin (Sn), Sealable, 0.50 Connector System

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Automotive Parts > Automotive Terminals







Terminal Type: **Receptacle**

Wire Size: **18 – 16 AWG**

Mating Tab Width: **1 mm [ .04 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 |

### Contact Features

| | |
|---|---|
| Typical Current Rating | 6 A |
| Crimp Type | F-Crimp |
| Contact Size | 1mm |
| Contact Fabrication | Stamped & Formed |
| Wire Contact Termination Area Plating Material | Tin |
| Terminal Type | Receptacle |
| Mating Tab Width | 1 mm[.04 in] |
| Interface Plating | Tin (Sn) |
| Mating Tab Thickness | .64 mm[.025 in] |

## 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 | 18 – 16 AWG |
| Wire Size Search | .75 mm², 1.25 mm² |
| 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 |

## Industry Standards

| | |
|---|---|
| Compatible With Agency/Standards Products | LV214 |

## Packaging Features

| | |
|---|---|
| Packaging Method | Reel |
| Packaging Quantity | 5000 |

## Other

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

# Product Compliance

For compliance documentation, visit the product page on TE.com>

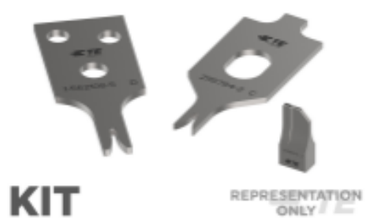
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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

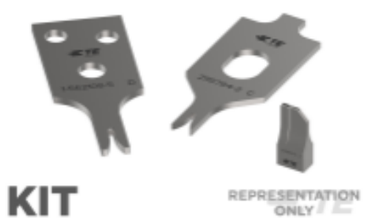
## Compatible Parts




TE Part # 7-2836985-7
OC-070F086O-CRIMPTOOLINGKIT



TE Part # 5-2151836-2
OCEAN_2.0_Applicator-S-070F086O-RSA




TE Part # 7-2151836-7
OCEAN_2.0_SPARE_PART_KIT-070F086O



TE Part # 2151836-1
OCEAN_2.0_Applicator-S-070F086O-RSM



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 # 2303790-1
PLUG ASSEMBLY 114POS



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



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



TE Part # 2151836-2
OCEAN_2.0_Applicator-S-070F086O-RSA

## Also in the Series | 0.50 Connector System



Automotive Connector Caps & Covers (20)



Automotive Housings(65)



Automotive Seals & Cavity Plugs(2)



Automotive Signal & Power Headers (26)

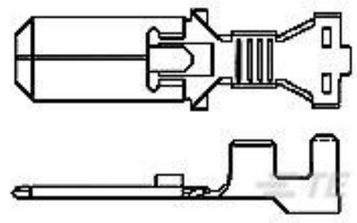


Automotive Terminals(15)

## Customers Also Bought



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



TE Part #344067-1
.250"SPEC.F.TAB.(PLATED)



TE Part #2050036-4
64P ECU PLUG CONNECTOR



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



TE Part #2203663-5
2X9 SEALED PLUG ASSY KEY A



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

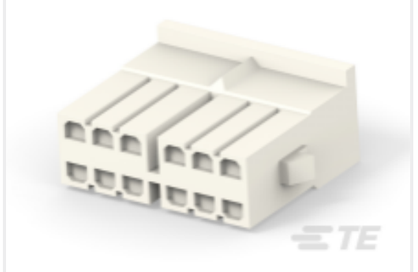


TE Part #2303827-1
COVER ASSEMBLY 114POS



TE Part #170100-2
.079 DIA PIN

TE Part #2434885-1
SENSOR,TERMINAL,2.8



TE Part #171177-1
BULK HEAD PLUG 12P

## 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

Extraction Tool, 0.5/1.0 Series Sealed Contact

Japanese

Instruction Sheet (non U.S.)

Japanese

Instruction Sheet (non U.S.)

Japanese

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese