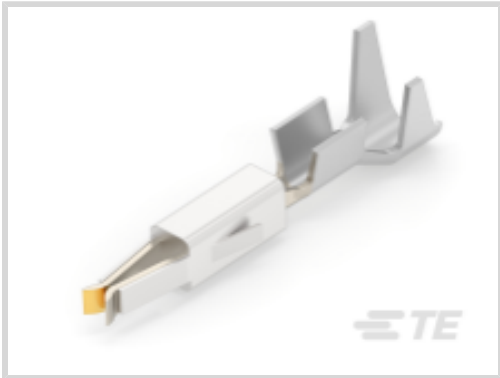




Terminals & Splices > Automotive Terminals > TIMER, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

Mating Tab Width: **1.6 mm [.063 in]**

Mating Tab Thickness: **.6 mm [.024 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **20 – 17 AWG**

[All TIMER, RECEPTACLE AND TAB \(278\)](#)

Features

Industry Standards

|                                           |                             |
|-------------------------------------------|-----------------------------|
| Compatible With Agency/Standards Products | IEC 664/664A (DIN VDE 0110) |
|-------------------------------------------|-----------------------------|

Operation/Application

|                                    |                                                                       |
|------------------------------------|-----------------------------------------------------------------------|
| Compatible With Wire Base Material | Copper                                                                |
| Conforms to Automation Guideline   | Yes, KOMAX Automatic Component Insertion per Version 5.0 (March 2018) |

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Method   | Reel |
| Packaging Quantity | 4000 |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature (Max) | 140 °C[284 °F]             |
| Operating Temperature Range | -40 – 140 °C[-40 – 284 °F] |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To              | Wire  |

Dimensions



|                                      |                                                                                   |
|--------------------------------------|-----------------------------------------------------------------------------------|
| Compatible Insulation Diameter Range | 2.8 mm[.11 in]                                                                    |
| Wire Size                            | .5 – 1 mm <sup>2</sup>                                                            |
| Wire Size Search                     | 1 mm <sup>2</sup> , .5 mm <sup>2</sup> , .75 mm <sup>2</sup> , .6 mm <sup>2</sup> |
| Tab Length                           | 19 mm[.75 in]                                                                     |

Contact Features

|                                                |                  |
|------------------------------------------------|------------------|
| Typical Current Rating                         | 10 A             |
| Crimp Type                                     | F-Crimp          |
| Contact Size                                   | 1.6mm            |
| Contact Fabrication                            | Stamped & Formed |
| Wire Contact Termination Area Plating Material | Tin              |
| Terminal Type                                  | Receptacle       |
| Mating Tab Width                               | 1.6 mm[.063 in]  |
| Mating Tab Thickness                           | .6 mm[.024 in]   |
| Interface Plating                              | Gold (Au)        |

Product Type Features

|                         |               |
|-------------------------|---------------|
| Sealable                | Yes           |
| Primary Locking Feature | Locking Lance |

Body Features

|                    |                        |
|--------------------|------------------------|
| Terminal Seal Type | Single Wire Seal (SWS) |
|--------------------|------------------------|

Other

|                    |                      |
|--------------------|----------------------|
| Terminal Transmits | 0 – 24 A (Low Power) |
| EU RoHS Compliance | Compliant            |
| EU ELV Compliance  | Compliant            |

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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |

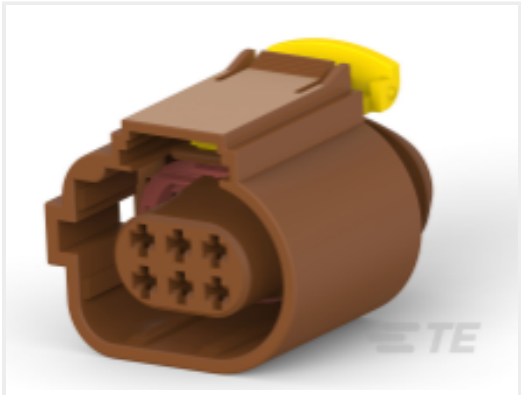


|                           |                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------|
| Halogen Content           | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not applicable for solder process capability                                        |

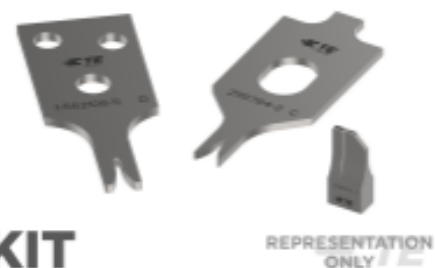
Product Compliance Disclaimer

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

|                                                                                                                                                             |                                                                                                                                                           |                                                                                                                                                            |                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 963530-1<br/>EINZELLEITERDICHTNG</p>                       |  <p>TE Part # 539960-1<br/>AUSZ-WKZ,MICRO TIM.</p>                    |  <p>TE Part # 964972-1<br/>EINZELLEITERDICHTNG</p>                    |  <p>TE Part # CAT-T4827-CH8172<br/>Timer Connector Housing</p>      |
|  <p>TE Part # 5-1579018-6<br/>INSERTION TOOL</p>                         |  <p>TE Part # 1-284716-3<br/>6 POS REC. CONNECTOR FOR MTII</p>        |  <p>TE Part # 2151170-1<br/>OCEAN-2.0-APPLICATOR-S-080F130O-RSM</p>   |  <p>TE Part # 2151170-2<br/>OCEAN-2.0-APPLICATOR-S-080F130O-RSA</p> |
|  <p>TE Part # 2305570-1<br/>Strip Terminal Cutter-Side Feed-No Crimp</p> |  <p>TE Part # 5-2151170-1<br/>OCEAN-2.0-APPLICATOR-S-080F130O-RSM</p> |  <p>TE Part # 5-2151170-2<br/>OCEAN-2.0-APPLICATOR-S-080F130O-RSA</p> |  <p>TE Part # 7-2151170-7<br/>OCEAN_2.0_SPARE_PART_KIT-080F130O</p> |





**KIT**

REPRESENTATION ONLY

TE Part # 7-2266059-7

OC-080F1300-CRIMPTOOLINGKIT



REPRESENTATION ONLY, DIE SET MAY VARY.

TE Part # 2393336-1

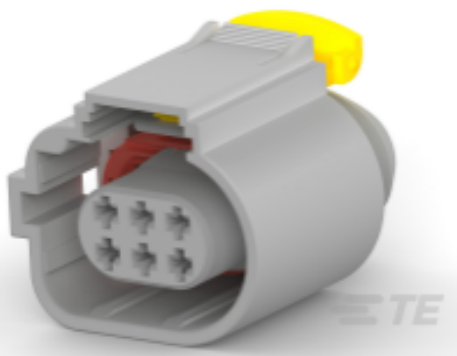
SDE F MICRO TIMER 22-17 ASSY



TE

TE Part # 2393336-2

SDE F MICRO TIMER 22-17 DIE SET



TE

TE Part # 1-284716-1

6 POS REC. CONNECTOR FOR EGR V



TE

TE Part # 1-284716-2

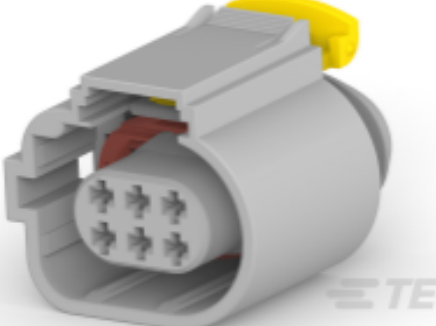
6 POS REC. CONNECTOR FOR EGAS



TE

TE Part # 1-284716-4

6 P. REC CONN X UEGO CONN



TE

TE Part # 1-284716-5

6 POS. REC. CONNECTOR FOR MT2



TE

TE Part # 1-284716-7

6 POS REC. CONNECTOR FOR MTII

Also in the Series | **Micro Timer II**



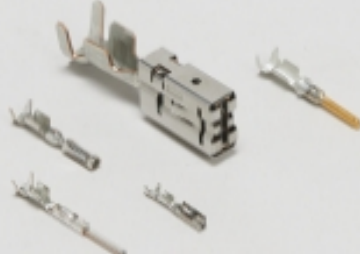
Automotive Connector Caps & Covers  
(1)



Automotive Connector Locks &  
Position Assurance(1)



Automotive Housings(36)



Automotive Terminals(33)



Connector Seals & Cavity Plugs(1)

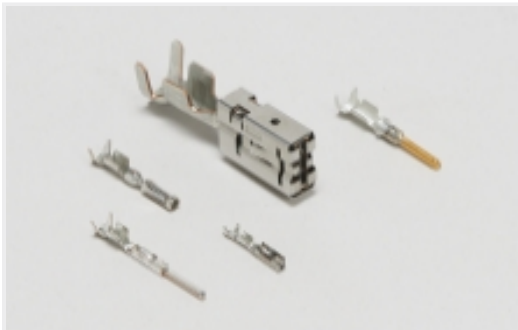


Insertion & Extraction Tools(4)

Also in the Series | **Micro Timer I**



Automotive Housings(3)

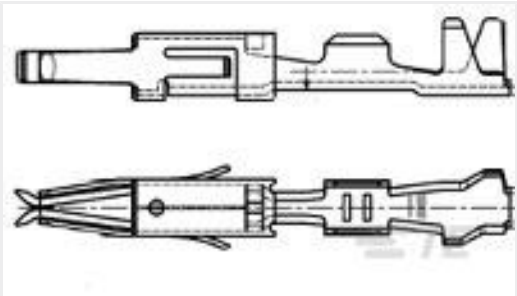


Automotive Terminals(8)



Insertion & Extraction Tools(3)

Customers Also Bought



TE Part #962875-5  
MT2 REC 1.6 Contact SWS Au



TE Part #2005372-2  
MT-II SLD 6P PLUG ASSY(A) BLK



TE Part #1473288-1  
MICRO TIMER II 6POS SECONDARY



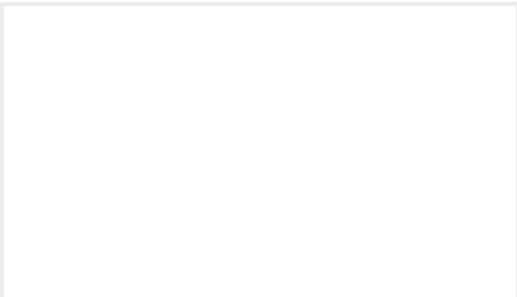
TE Part #2005390-6  
JPT SLD 3P PLUG ASSY-1S BLK



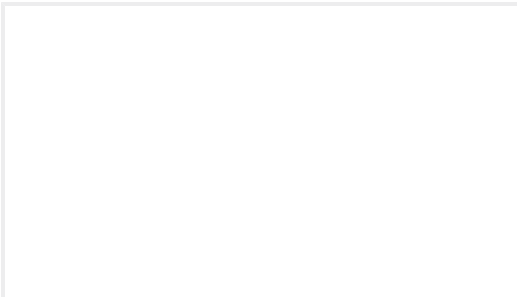
TE Part #2377665-4  
SWS,DIA 3MM,CVTY DIA,3-2.6MM,BLU



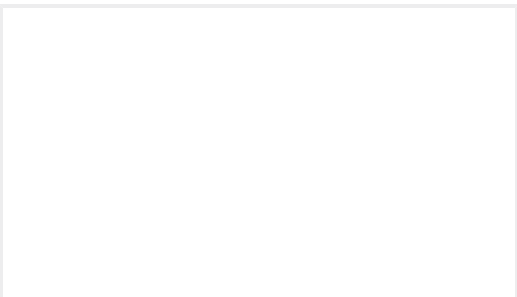
TE Part #2377665-5  
SWS,0.64 SERIES,CVTY DIA,3.0-2.6,GRN



TE Part #1-2434955-1  
AMP MCP 2.8,TERMINAL,SWS



TE Part #2387544-1  
0.64 SERIES,TERMINAL,REM 0.64 CB SWS



TE Part #2387544-2  
0.64 SERIES,TERMINAL,REM 0.64 CB SWS



TE Part #3-2005475-2  
PCU SLD 105P PLUG ASSY(B-RH)

Documents

Product Drawings

MT2 REC 1.6 Contact SWS Au

English

CAD Files

Customer View Model

ENG\_CVM\_962876-5\_N1.3d\_igs.zip

English

Customer View Model



[ENG\\_CVM\\_962876-5\\_N1.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_962876-5\\_N1.2d\\_dxf.zip](#)

English

**3D PDF**

3D

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

**Product Specifications**

**Application Specification**

German

**Application Specification**

English

**Application Specification**

English

**Application Specification**

English