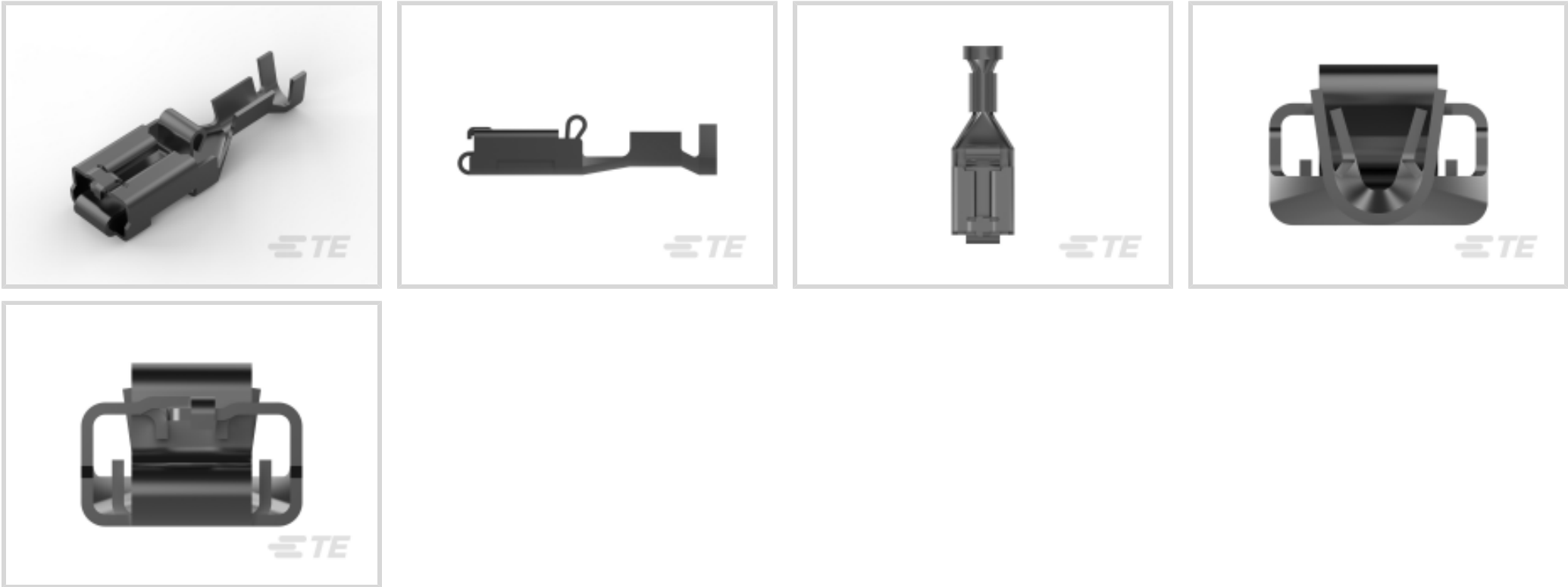




Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 1.65 mm<sup>2</sup>**

Mating Tab Width: **6.35 mm [.25 in]**

Mating Tab Thickness: **.81 mm [.032 in]**

Features

Industry Standards

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

Termination Features

|                       |              |
|-----------------------|--------------|
| Product Terminates To | Wire & Cable |
|-----------------------|--------------|

Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
| Connection Capacity               | Single        |

Mechanical Attachment

|                         |               |
|-------------------------|---------------|
| Wire Insulation Support | With          |
| Mating Retention Type   | Dimple        |
| Extraction Force        | .7 – 10.2 kgf |

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 1500       |
| Packaging Method   | Strip/Reel |

Dimensions



|                                      |                             |
|--------------------------------------|-----------------------------|
| Product Length                       | 22.2 mm[.874 in]            |
| Compatible Insulation Diameter Range | 2.2 – 3.3 mm[.087 – .13 in] |
| Terminal Material Thickness          | .41 mm[.016 in]             |
| Wire Size                            | .51 – 1.65 mm²              |

Product Type Features

|                 |     |
|-----------------|-----|
| Insertion Force | Low |
|-----------------|-----|

Contact Features

|                                |                 |
|--------------------------------|-----------------|
| Quick Disconnect Terminal Type | Receptacle      |
| Mating Tab Width               | 6.35 mm[.25 in] |
| Mating Tab Thickness           | .81 mm[.032 in] |
| Terminal Orientation           | Straight        |
| Contact Base Material          | Brass           |
| Terminal Plating Material      | Tin             |
| Crimp Type                     | F-Crimp         |
| Barrel Type                    | Open            |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature Range | -40 – 110 °C[-40 – 230 °F] |

Other

|                    |           |
|--------------------|-----------|
| 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

TE Part # 654174-1  
POS.LOCK HANDTOOL

TE Part # 626581-1  
PL 250 REC 0.5-1.5 MM2 0.35X 26.54  
BR

TE Part # 2151182-2  
OCEAN\_2.0\_APPLICATOR-S-  
090F130F-RSA

Also in the Series | Positive Lock 250

Automotive Terminals(1)

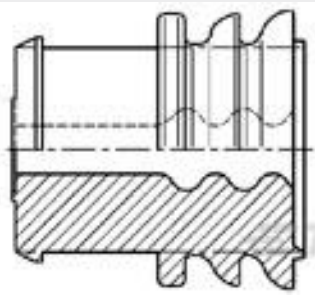
Crimp Terminal Housings(184)

Insertion & Extraction Tools(3)

Insulation Boots & Sleeves(4)

Quick Disconnects(185)

Customers Also Bought



TE Part #963243-1  
EINZELDRAHTDICHTUNG



TE Part #2-1563759-1  
18POS,AMP MCP1.5K,REC HSG,ASSY



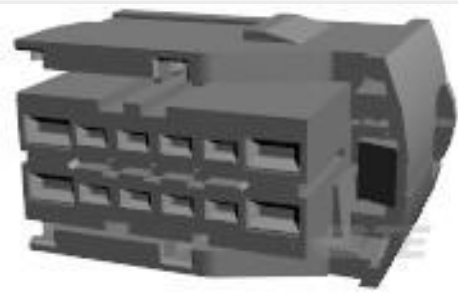
TE Part #1564980-1  
AMP MCP 1.5K, CONTACT



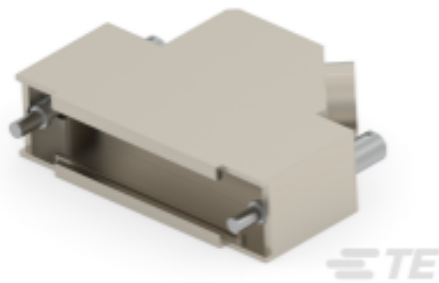
TE Part #CAT-T4827-CH8172  
Timer Connector Housing



TE Part #023173-000  
RBK-ILS-125-NR.1-0-30MM



TE Part #284853-1  
12 POS FEMALE CONNECTOR ASS'Y



TE Part #4-1478763-7  
METAL BACKSHELL 25 WAY 45 DEGREES

TE Part #655498-1  
SERVICE TOOL STANDARD TERMINAL POINT

TE Part #2133507-3

Documents

Product Drawings

PL 0.5-1.5 MM2 0.40 X 52.30 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_281827-2\_K.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_281827-2\_K.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_281827-2\_K.3d\_stp.zip

English

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

Datasheets & Catalog Pages



1654742\_HOUSEHOLD\_APPLIANCES\_RAST5

English

Product Specifications

AMP positive lock MKI rec. terminal with latching device

Application Specification