



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .1 - .82 mm<sup>2</sup>

Mating Tab Width: 4.75 mm [.187 in]

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

Features

Product Type Features

|                 |        |
|-----------------|--------|
| Insertion Force | Normal |
|-----------------|--------|

Configuration Features

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

Contact Features

|                                |                  |
|--------------------------------|------------------|
| Quick Disconnect Terminal Type | Receptacle       |
| Mating Tab Width               | 4.75 mm[.187 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             |

Termination Features

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



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

Mechanical Attachment

|                         |        |
|-------------------------|--------|
| Wire Insulation Support | With   |
| Mating Retention Type   | Dimple |

Dimensions

|                                      |                             |
|--------------------------------------|-----------------------------|
| Terminal Material Thickness          | .36 mm[.014 in]             |
| Product Length                       | 17.02 mm[.67 in]            |
| Compatible Insulation Diameter Range | 2.29 - 3.3 mm[.09 - .13 in] |
| Wire Size                            | .1 - .82 mm²                |

Usage Conditions

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

Industry Standards

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

Packaging Features

|                    |            |
|--------------------|------------|
| Packaging Quantity | 15000      |
| Packaging Method   | Strip/Reel |

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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<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 # 175578-1<br/>PL 187 HOUSING RECEPTACLE</p>              |  <p>TE Part # 521198-1<br/>HSG.REC.POS-LOK.187 NAT.</p>                 |  <p>TE Part # 1-172075-6<br/>187 POSITIVE MK-2 REC HSG 3P</p>      |  <p>TE Part # 190679-2<br/>POSILOK T'P</p>                           |
|  <p>TE Part # 2150432-2<br/>OCEAN_2.0_Applicator-E-080F155F-REA</p>  |  <p>TE Part # 2825431-1<br/>187 SERIES POSITIVE LOCK (MARK-II) REC</p> |  <p>TE Part # 7-2150432-2<br/>OCEAN_2.0_Applicator-E-080F155F</p> |  <p>TE Part # 7-2150432-7<br/>OCEAN_2.0_SPARE_PART_KIT-080F155F</p> |
|  <p>TE Part # 936663-1<br/>PL 187 REC 20-16 AWG 0.3 X 14.0 PTPBR</p> |                                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                          |

Also in the Series | Mark III



Crimp Terminal Housings(30)



Quick Disconnects(15)

Also in the Series | Positive Lock 187



Crimp Terminal Housings(86)



Insertion & Extraction Tools(2)

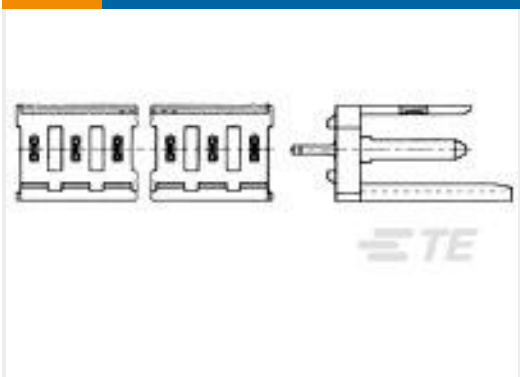


Insulation Boots & Sleeves(7)



Quick Disconnects(57)

Customers Also Bought



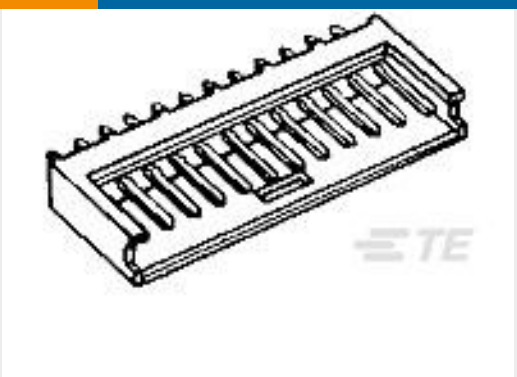
TE Part # 280613-1  
10P MOD 1 SHROUDED HEADER, ST, TIN PLTD



TE Part # 7-1393224-9  
RY531012



TE Part # 130191  
TERM, SOLIS R 12-10 5MM



TE Part # 280374-1  
10P AMPMODU II SHRD HDR, ST, TIN



TE Part # 7-1452653-3  
MCON Receptacle and Tab



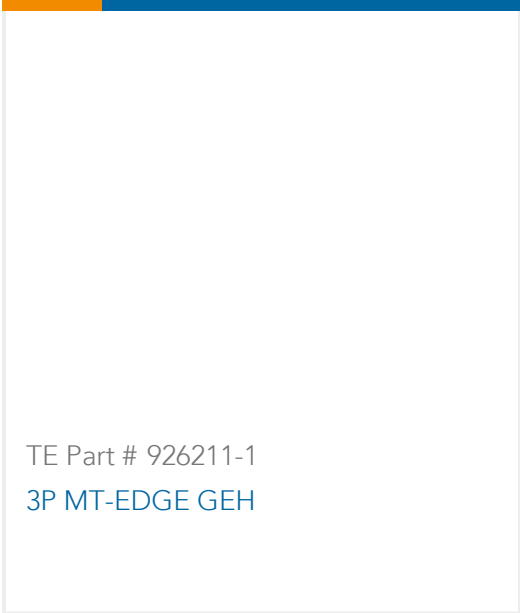
TE Part # 2-1703930-2  
NANOMQS, RECEPTACLE TERMINAL



TE Part # 2-2287720-1  
PICO MQS, TERMINAL



TE Part # 168327-E  
IDCCS SMC 1,27 32 \* AU AUI 100 PVC



TE Part # 926211-1  
3P MT-EDGE GEH



Documents

Product Drawings

PL 187 TERMINAL REC 22-18 AWG TPBR

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1217097-2\_L.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1217097-2\_L.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1217097-2\_L.3d\_stp.zip

English

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

Datasheets & Catalog Pages

Positive Lock Receptacles

English

Product Specifications

Application Specification

English