



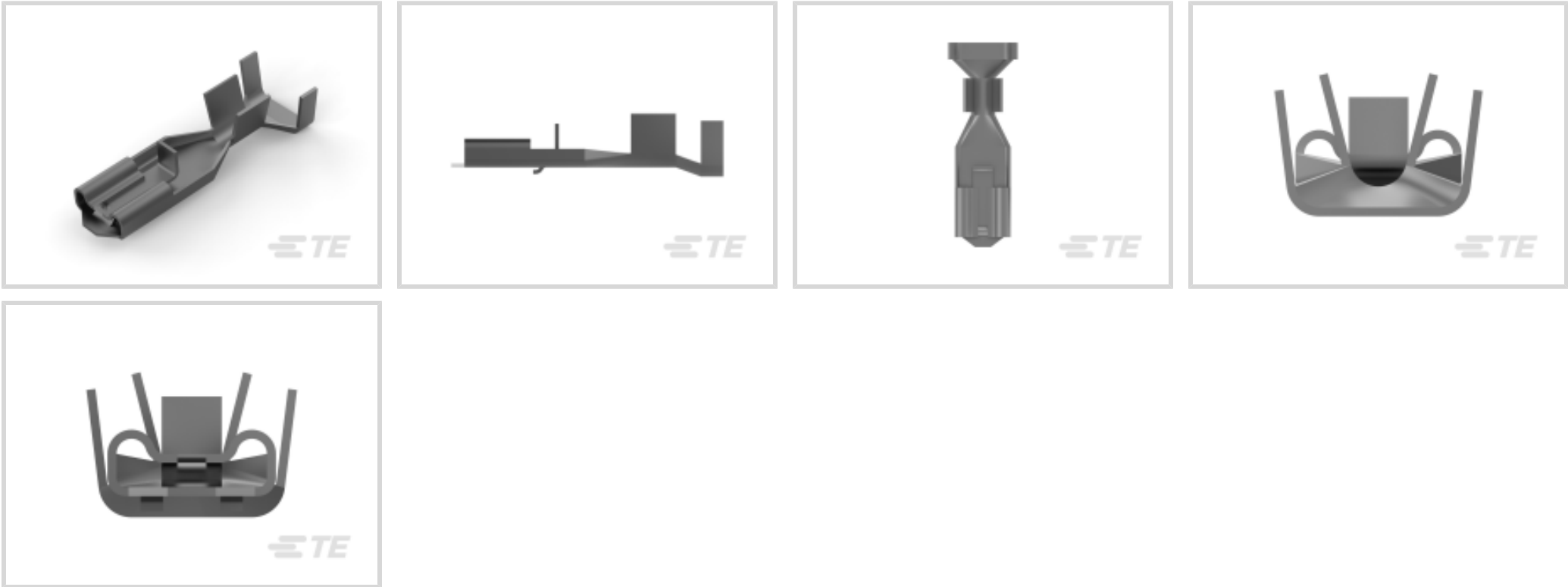
Positive Lock | Mark II, Positive Lock 187

TE Internal #: 170326-5

Receptacle, 18 – 14 AWG Wire Size, .82 – 2.08 mm² Wire Size,  
Mating Tab Width 4.75 mm [.187 in], Straight, Positive Lock 187,  
Quick Disconnects

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.82 – 2.08 mm²**

Mating Tab Width: **4.75 mm [.187 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

Features

Product Type Features

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

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           | .51 mm[.02 in]   |
| Terminal Orientation           | Straight         |
| Contact Base Material          | Phosphor Bronze  |
| Terminal Plating Material      | Pre-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          | .3 mm[.012 in]               |
| Product Length                       | 21.6 mm[.85 in]              |
| Compatible Insulation Diameter Range | 2.1 – 3.6 mm[.082 – .141 in] |
| Wire Size                            | .82 – 2.08 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 | 5000       |
| Packaging Method   | Strip/Reel |

Product Compliance

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

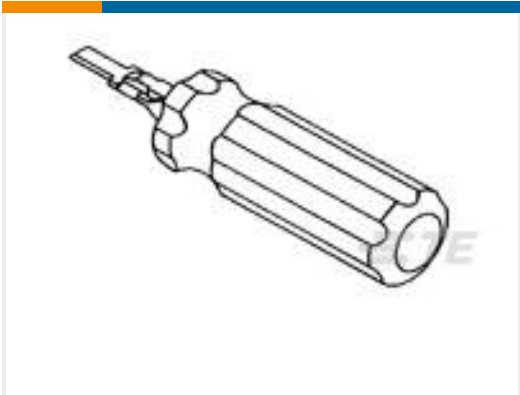
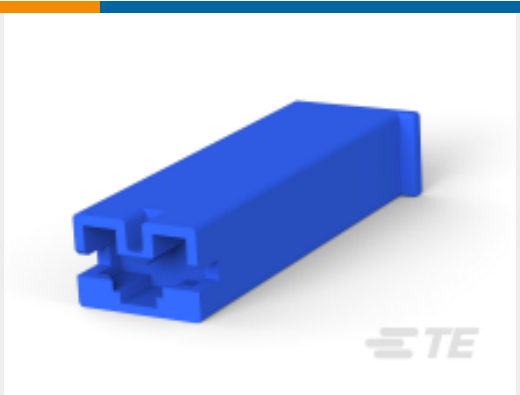
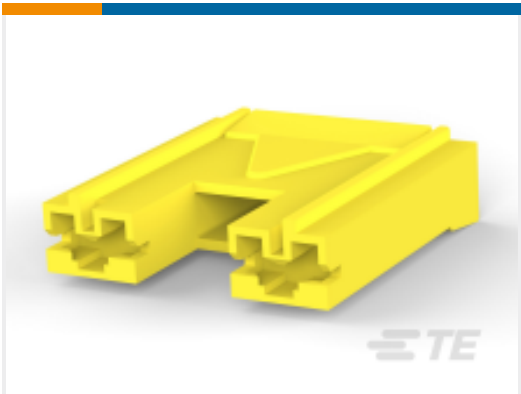
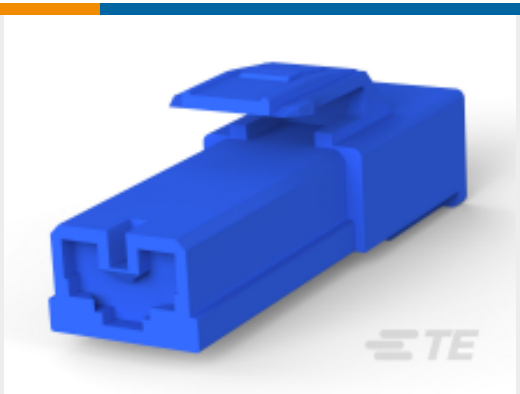
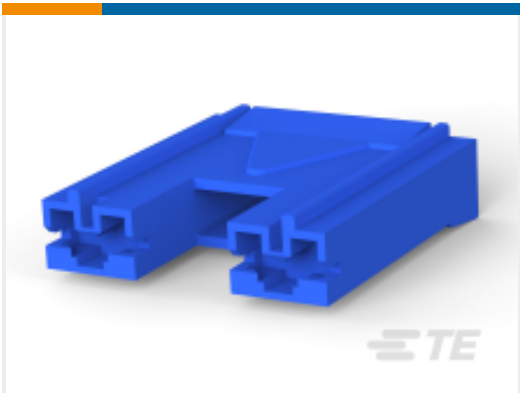
|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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: 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 # 724659-1<br/>EXT TOOL FOR POSITIVE .187</p>          |  <p>TE Part # 172075-1<br/>POSITIVE LOCK 187 HOUSING RECEPTACLE</p>    |  <p>TE Part # 173974-6<br/>PL MKII 187 REC HSG 1P NYLON BLUE</p>     |  <p>TE Part # 174513-1<br/>PL 187 HOUSING RECEPTACLE</p>           |
|  <p>TE Part # 176498-1<br/>POSITIVE LOCK 187 (4.8 MM) HOUSING</p> |  <p>TE Part # 1-174712-1<br/>187 HSG. PL MKII REC. 6.65mm 2P NAT</p>  |  <p>TE Part # 174712-1<br/>PL 187 (4.8 MM) HOUSING RECEPTACLE</p>   |  <p>TE Part # 172074-1<br/>187 HSG. PLMKII REC. NAT</p>           |
|  <p>TE Part # 173974-1<br/>187 HSG. PL MKII REC. NAT</p>          |  <p>TE Part # 176498-4<br/>POSITIVE LOCK 187 (4.8 MM) HOUSING</p>     |  <p>TE Part # 179183-6<br/>POSITIVE LOCK 187 (4.8 MM) HOUSING</p>   |  <p>TE Part # 175578-1<br/>PL 187 HOUSING RECEPTACLE</p>          |
|  <p>TE Part # 176498-6<br/>PL MKII 187 REC HSG 2P NYLON BLUE</p>  |  <p>TE Part # 1-172075-1<br/>3 POS PL 187(4.8 MM) HOUSING NATURAL</p> |  <p>TE Part # 172074-2<br/>POSITIVE LOCK 187 HOUSING RECEPTACLE</p> |  <p>TE Part # 1-172210-1<br/>187 HSG. PL MKII REC. 6mm 2P NAT</p> |



TE Part # 172210-1  
POSITIVE LOCK 250 HOUSING  
RECEPTACLE

TE Part # 1-174587-1  
PL MK2 2P 187 HOUSING  
RECEPTACLE NAT

TE Part # 173974-2  
PL 187 (4.8 MM) HOUSING  
RECEPTACLE

TE Part # 173974-7  
PL 187 (4.8 MM) HOUSING  
RECEPTACLE

Also in the Series | Mark II

Automotive Connector Locks &  
Position Assurance(1)

Automotive Housings(6)

Automotive Terminals(5)

Connector Seals & Cavity Plugs(1)

Crimp Terminal Housings(76)

Insertion & Extraction Tools(2)

Other Automotive Connector  
Accessories(1)

Quick Disconnects(57)

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 #1565080-1  
GRACE INERTIA 3.5 TAB CONTACT(L)

TE Part #1-2132781-1  
11P EP-II HOUSING, NATURAL

TE Part #6-292161-2  
CT P/HDR ASSY V 2P W/KINK BLAC

TE Part #1-174587-5  
PL MK2 2P 187 HOUSING RECEPTACLE GREEN

TE Part #1-174587-6  
PL MK2 2P 187 HOUSING RECEPTACLE BLUE

TE Part #5-1565085-3  
GRACE INERTIA CONNECTOR 3.5W 2POS CAP

TE Part #170063-2  
CLUSTER PIN REC

TE Part #175019-5  
PL 187 REC 22-16 AWG 0.3 X 22.8 PTPHBZ

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_170326-5\_M.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_170326-5\_M.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_170326-5\_M.3d\_stp.zip

English

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

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

AMP\* POSITIVE LOCK CONNECTOR

English

Agency Approvals

UL Report

English

170326-5

Receptacle, 18 – 14 AWG Wire Size, .82 – 2.08 mm<sup>2</sup> Wire Size, Mating Tab Width 4.75 mm [.187 in], Straight, Positive Lock 187, Quick Disconnects

