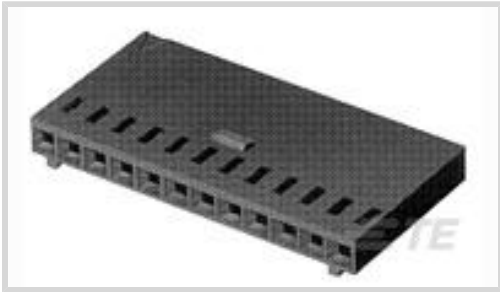




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**  
Connector & Housing Type: **Receptacle**  
Connector System: **Wire-to-Board**  
Number of Positions: **7**  
Centerline (Pitch): **2.54 mm [ .1 in ]**

Features

Product Type Features

|                                   |               |
|-----------------------------------|---------------|
| Connector Product Type            | Housing       |
| Connector & Housing Type          | Receptacle    |
| Connector System                  | Wire-to-Board |
| Connector & Contact Terminates To | Wire & Cable  |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 7 |
| Number of Rows      | 1 |

Electrical Characteristics

|                                       |         |
|---------------------------------------|---------|
| Termination Resistance                | 12 mΩ   |
| Insulation Resistance                 | 5000 MΩ |
| Dielectric Withstanding Voltage (Max) | 750 V   |
| Operating Voltage                     | 250 VAC |

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

|                       |                  |
|-----------------------|------------------|
| Contact Layout        | Inline           |
| Contact Type          | Socket           |
| Contact Base Material | Beryllium Copper |



|                                                                 |                                         |
|-----------------------------------------------------------------|-----------------------------------------|
| Contact Current Rating (Max)                                    | 3 A                                     |
| Termination Features                                            |                                         |
| Termination Method to Wire & Cable                              | Crimp                                   |
| Mechanical Attachment                                           |                                         |
| Strain Relief                                                   | Without                                 |
| Mating Retention Type                                           | Detent Latching                         |
| Mating Retention                                                | With                                    |
| Housing Features                                                |                                         |
| Housing Entry Configuration                                     | Both Ends Closed                        |
| Housing Material                                                | Nylon - GF                              |
| Centerline (Pitch)                                              | 2.54 mm[.1 in]                          |
| Dimensions                                                      |                                         |
| Connector Length                                                | 17.78 mm[.7 in]                         |
| Connector Height                                                | 4.62 mm[.182 in]                        |
| Usage Conditions                                                |                                         |
| Operating Temperature Range                                     | -65 – 105 °C[-85 – 221 °F]              |
| Operation/Application                                           |                                         |
| Circuit Application                                             | Signal                                  |
| Industry Standards                                              |                                         |
| Glow Wire Rating                                                | Standard Part - Not Glow Wire           |
| Compatible With Approved Standards Products                     | CSA LR7189, UL E28476                   |
| UL Flammability Rating                                          | UL 94V-0                                |
| Packaging Features                                              |                                         |
| Packaging Quantity                                              | 1                                       |
| Packaging Method                                                | Package                                 |
| 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)  
Candidate List Declared Against: JAN 2024 (240)  
Does not contain REACH SVHC

Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

Solder Process Capability

Not applicable for solder process capability

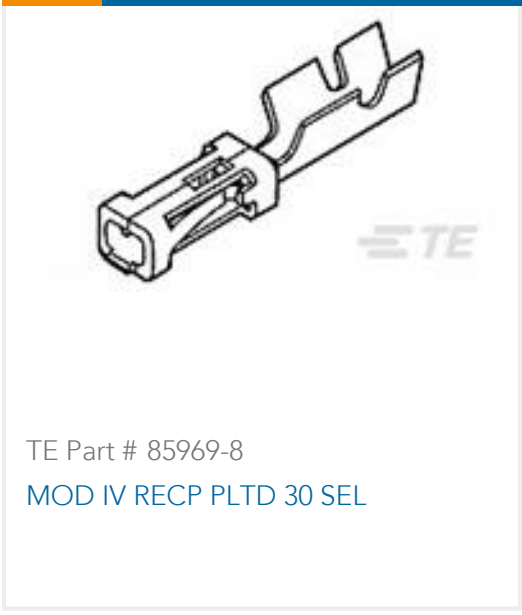
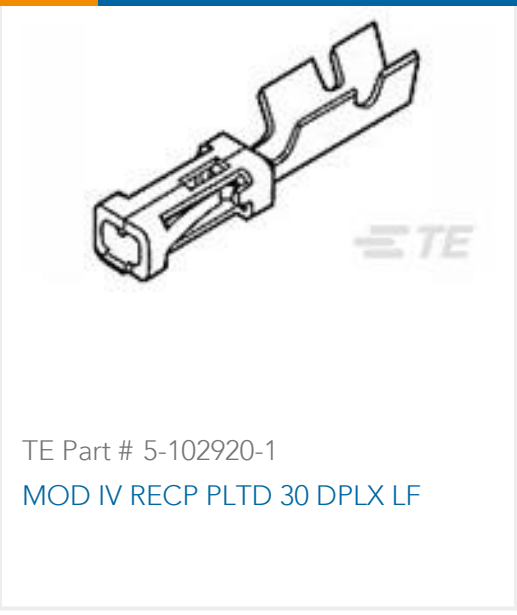
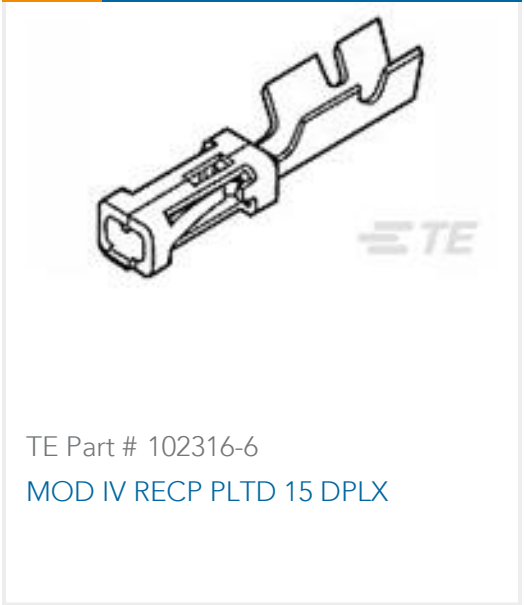
Product Compliance Disclaimer

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>

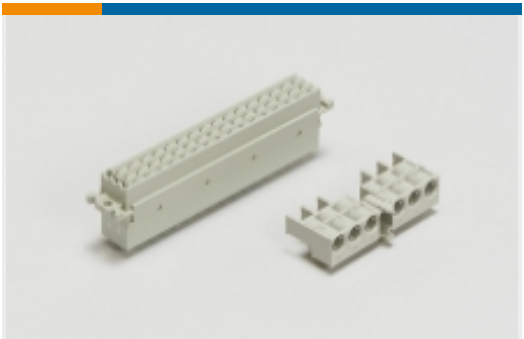
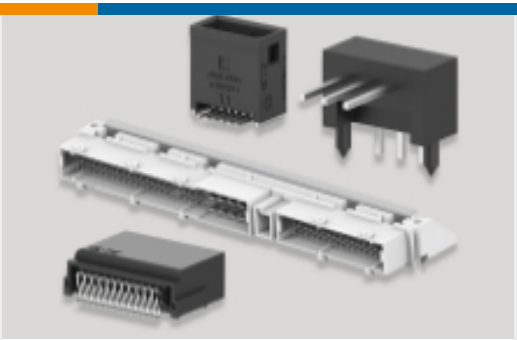
Compatible Parts

|                                                        |                                                |                                                     |                                                |
|--------------------------------------------------------|------------------------------------------------|-----------------------------------------------------|------------------------------------------------|
| <br>TE Part # 87666-2<br>MOD IV RECP PLTD 30 SEL       | <br>TE Part # 87756-6<br>MOD IV RECP PLTD SN   | <br>TE Part # 2-87195-4<br>MOD IV RECP PLTE 15 DPLX | <br>TE Part # 87809-1<br>MOD V RECP PLTD 30 AU |
| <br>TE Part # 6-87756-2<br>MOD IV RECP PLTD 15 DPLX LF | <br>TE Part # 87309-9<br>MOD V RECP PLTD 30 AU | <br>TE Part # 102917-5<br>MOD IV RECP PLTD 15 SEL   | <br>TE Part # 87523-5<br>MOD IV RECP PLTD SN   |



|                                                                                                                                         |                                                                                                                                             |                                                                                                                                                   |                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 102548-5<br/>MOD IV RECP PLTD 30 SEL</p> |  <p>TE Part # 87309-8<br/>MOD V RECP PLTD SN</p>          |  <p>TE Part # 2-87523-3<br/>MOD IV RECP PLTD 15 DPLX</p>       |  <p>TE Part # 5-103171-4<br/>MOD IV RECP PLTD 30 DPLX LF</p>     |
|  <p>TE Part # 85969-8<br/>MOD IV RECP PLTD 30 SEL</p> |  <p>TE Part # 87666-3<br/>MOD IV RECP PLTD SN</p>        |  <p>TE Part # 102203-4<br/>07 MODII HDR SRRA SHRD .100CL</p>  |  <p>TE Part # 5-102920-1<br/>MOD IV RECP PLTD 30 DPLX LF</p>    |
|  <p>TE Part # 103455-1<br/>MOD V RECP PLTD 30 AU</p> |  <p>TE Part # 102316-6<br/>MOD IV RECP PLTD 15 DPLX</p> |  <p>TE Part # 103414-5<br/>07 MODII HDR SRST SHRD .100CL</p> |  <p>TE Part # 6-87756-7<br/>MOD IV REC STP INT'L SPEC REEL</p> |

Also in the Series | AMPMODU IV/V

|                                                                                                                   |                                                                                                                             |                                                                                                                                  |                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
|  <p>Automotive Housings(1)</p> |  <p>Backplane Connector Housings(1)</p> |  <p>Connector Caps &amp; Covers(18)</p>     |  <p>Connector Contacts(321)</p>            |
|  <p>Connector Hardware(14)</p> |  <p>Connector Strain Relief(3)</p>      |  <p>Insertion &amp; Extraction Tools(4)</p> |  <p>PCB Headers &amp; Receptacles(931)</p> |



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)

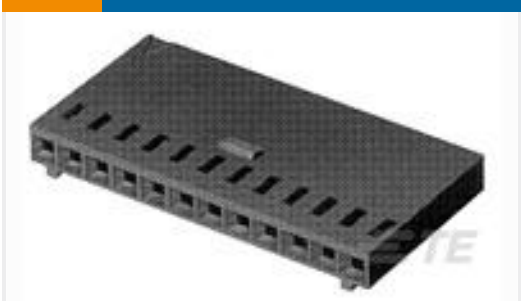


Wire-to-Board Connector Assemblies & Housings(444)

Customers Also Bought



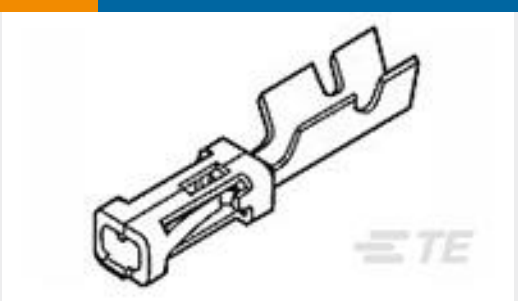
TE Part #102241-4  
06 MODIV HSG COMP SR .100 POL



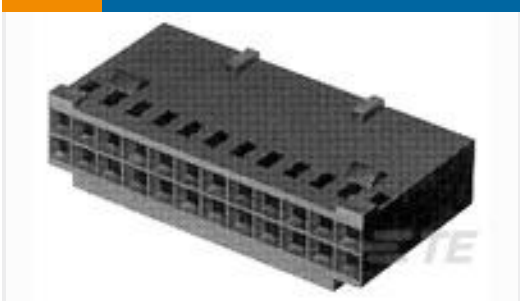
TE Part #102241-2  
04 MODIV HG COMP SR .100 POL



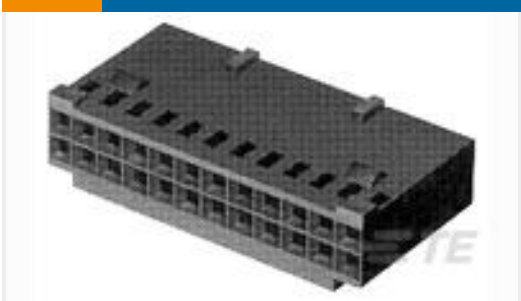
TE Part #2-520401-2  
ULTRA-FAST 187 ASY REC 22-18 TPBR



TE Part #1-87309-4  
MOD V RECP LP



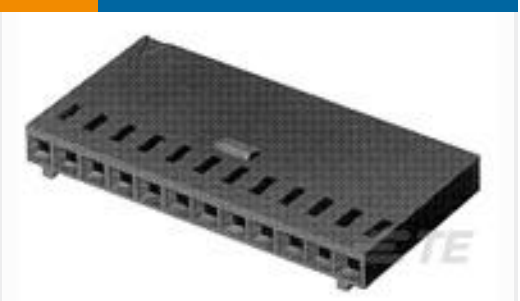
TE Part #1-87631-5  
20 MODIV HSG COMP DR .100 POL



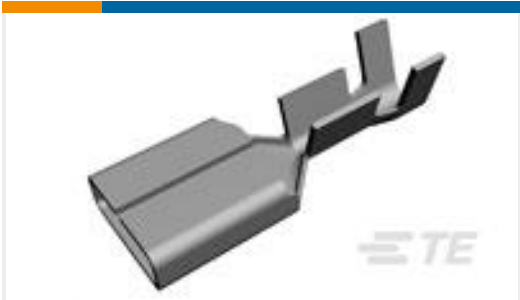
TE Part #87631-9  
14 MODIV HSG COMP DR .100 POL



TE Part #1-102241-2  
14 MODIV HSG COMP SR .100 POL



TE Part #102241-3  
05 MODIV HSG COMP SR .100 POL



TE Part #1544455-1  
CLIP8MM ECHANCRE S

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_102241-5\_AE.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_102241-5\_AE.3d\_igs.zip



English

Customer View Model

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