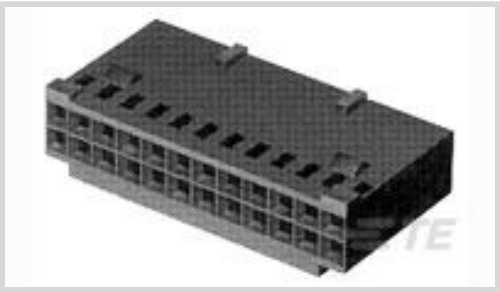




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

Number of Positions: **14**

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 | 14 |
| Number of Rows      | 2  |

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 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   | 3.14 mm[.24 in] |
| Row-to-Row Spacing | 2.54 mm[.1 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: 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                                                                                    |

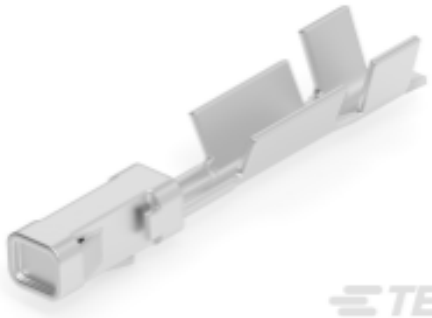
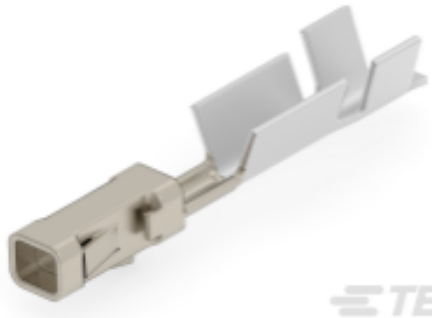
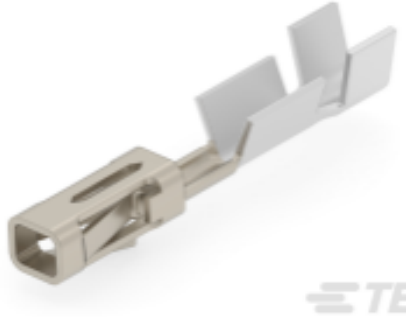
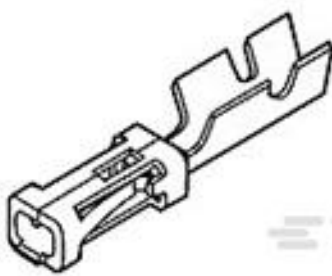
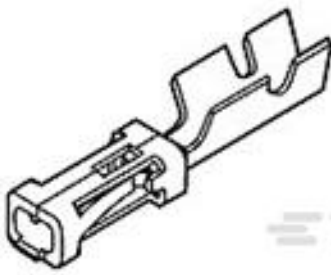
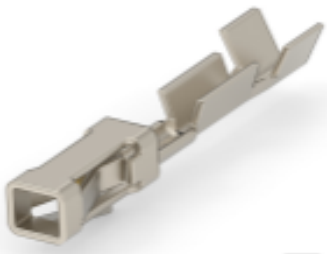
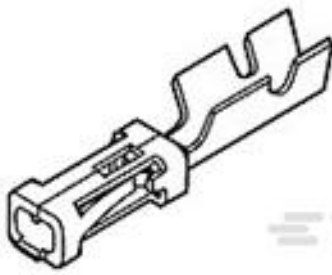
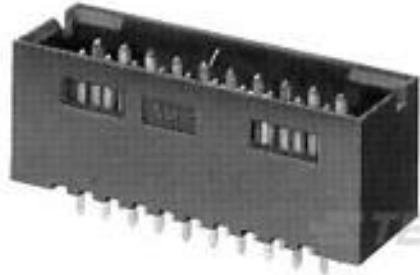
Product Compliance Disclaimer

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>

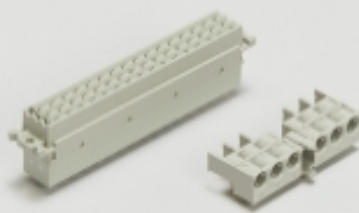
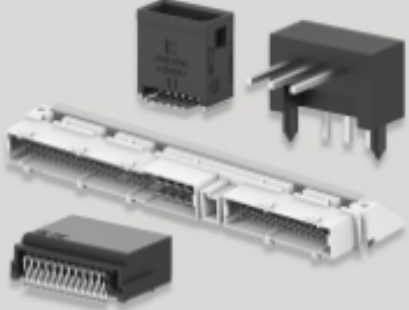
Compatible Parts

|                                                  |                                                           |                                                |                                                     |
|--------------------------------------------------|-----------------------------------------------------------|------------------------------------------------|-----------------------------------------------------|
| <br>TE Part # 87666-2<br>MOD IV RECP PLTD 30 SEL | <br>TE Part # 6-87756-7<br>MOD IV REC STP INT'L SPEC REEL | <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   |



|                                                                                                                                                 |                                                                                                                                                |                                                                                                                                              |                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 87523-5<br/>MOD IV RECP PLTD SN</p>              |  <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 # 5-87589-3<br/>14 MODII HDR DRST SHRD .100CL</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 # 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 # 103169-5<br/>14 MODII HDR DRST SHRD .100CL</p> |

Also in the Series | AMPMODU IV/V

|                                                                                                                                |                                                                                                                               |                                                                                                                                |                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
|  <p>Backplane Connector Housings(1)</p>     |  <p>Connector Caps &amp; Covers(15)</p>    |  <p>Connector Contacts(321)</p>           |  <p>Connector Hardware(13)</p>             |
|  <p>Insertion &amp; Extraction Tools(4)</p> |  <p>PCB Headers &amp; Receptacles(931)</p> |  <p>Rectangular Connector Housings(5)</p> |  <p>Standard Rectangular Connectors(7)</p> |



Wire-to-Board Connector Assemblies & Housings(436)

Customers Also Bought

TE Part #6609069-2  
12FC10 J0=F7738

TE Part #6609049-1  
3VQ1=F7265 S0

TE Part #6-87523-8  
MOD IV RECP PLTD 30 DPLX

TE Part #1-87523-9  
MOD IV RECP LP

TE Part #2-87631-1  
26 MODIV HSG COMP DR .100 POL

TE Part #783865-000  
FLTWC0311-22-6

TE Part #2-87523-4  
MOD IV RECP LP

TE Part #514596-000  
562A011-25/86-0

TE Part #BAF0002-00  
TXR54AC00-3622BI

Documents

Product Drawings

14 MODIV HSG DR MRKD .100 POL

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1-87631-0\_AS.2d\_dxf.zip

English

Customer View Model

1-87631-0

Housing, Receptacle, Wire-to-Board, 14 Position, 2.54 mm [.1 in] Centerline, Crimp, 2 Row, Black, Mating Retention, Wire & Cable, Signal, AMPMODU IV/V



[ENG\\_CVM\\_CVM\\_1-87631-0\\_AS.3d\\_igs.zip](#)

English

[3D PDF](#)

3D

Customer View Model

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Product Specifications

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