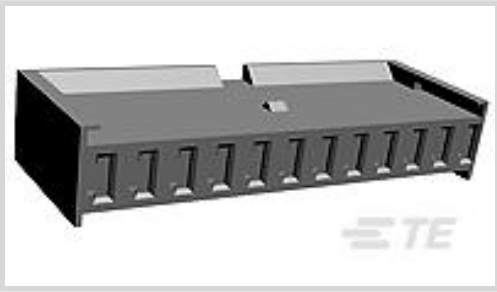




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Number of Positions: **12**

Centerline (Pitch): **3.96 mm [.156 in]**

Number of Rows: **1**

Features

Product Type Features

|                          |            |
|--------------------------|------------|
| Connector Product Type   | Housing    |
| Connector & Housing Type | Receptacle |

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 12 |
| Number of Rows      | 1  |

Body Features

|                       |          |
|-----------------------|----------|
| Connector Profile     | Standard |
| Primary Product Color | Green    |

Contact Features

|              |        |
|--------------|--------|
| Contact Type | Socket |
|--------------|--------|

Housing Features

|                    |                   |
|--------------------|-------------------|
| Housing Material   | Polycarbonate GFF |
| Centerline (Pitch) | 3.96 mm[.156 in]  |

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-1 |
|------------------------|----------|

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

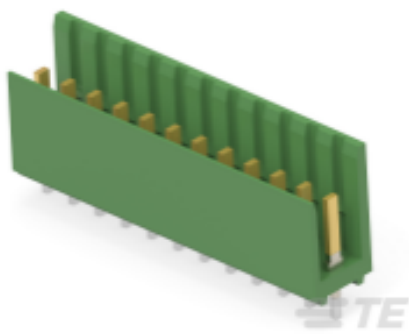
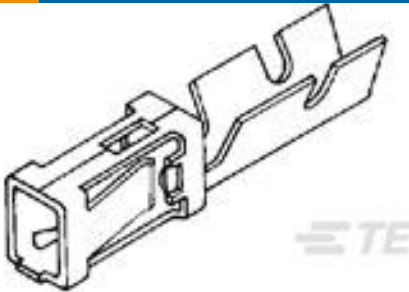
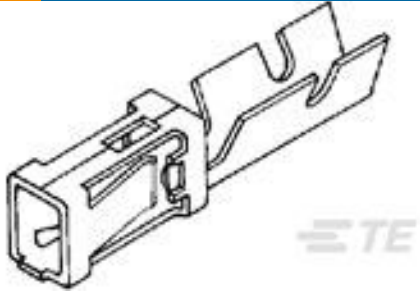
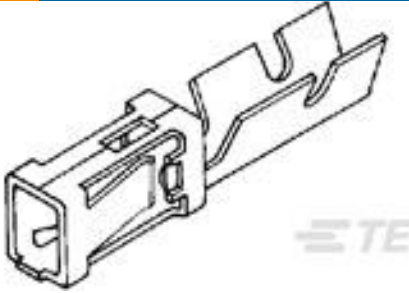
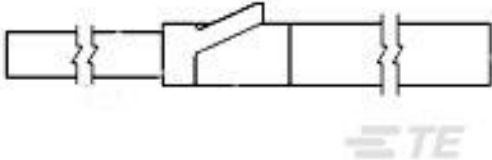
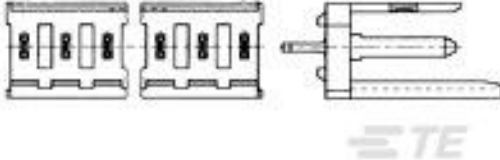


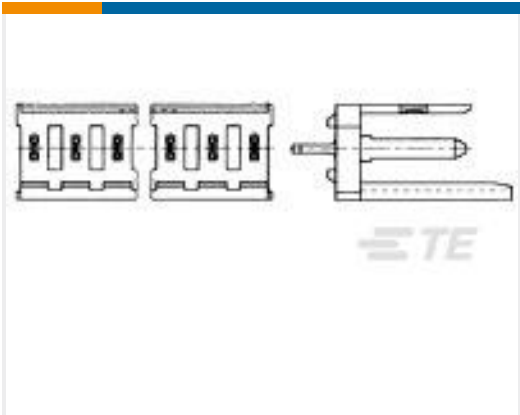
|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                  |
| Solder Process Capability                     | Not applicable for solder process capability                                                                                    |

Product Compliance Disclaimer

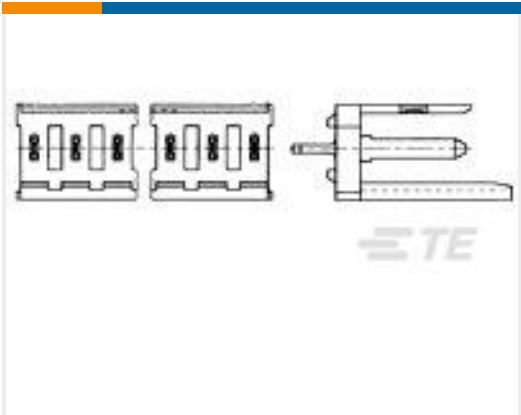
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 280614-2<br/>12P MOD 1 SHROUDED HEADER, ST, 0.4 Au</p> |  <p>TE Part # 280621-2<br/>MOD I CONT STRIP</p>    |  <p>TE Part # 280621-1<br/>MOD I CRIMP CONTACT</p> |  <p>TE Part # 280702-1<br/>AMPMODU CONT.</p>                           |
|  <p>TE Part # 181299-2<br/>MOD 1 CONTACT REC</p>                     |  <p>TE Part # 181299-1<br/>MOD I CRIMP CONTACT</p> |  <p>TE Part # 87116-2<br/>MOD I KEYING PLUG</p>    |  <p>TE Part # 280614-1<br/>12P MOD 1 SHROUDED HEADER, ST, TIN PLTD</p> |



TE Part # 280620-1  
MODU



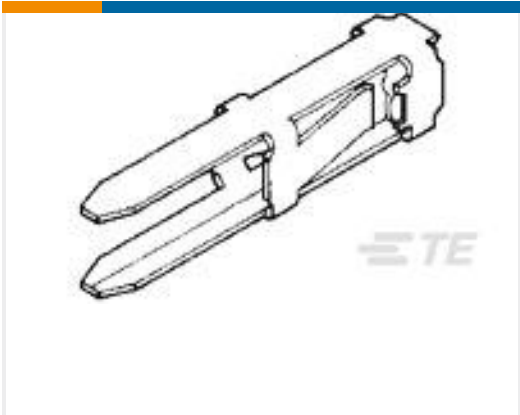
TE Part # 280620-2  
MOD I INCREMENTAL ASSY



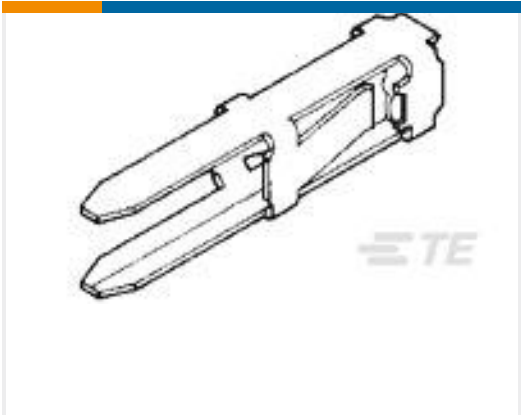
TE Part # 85489-7  
MOD I RECP PLTD 30 SEL



TE Part # 1-85489-1  
MOD I RECP PLTD 15 SEL



TE Part # 141002-2  
MOD-1 REC.CONTACT



TE Part # 141002-4  
MOD-1 REC.CONT. "A"



TE Part # 85423-4  
MOD I RECP LP

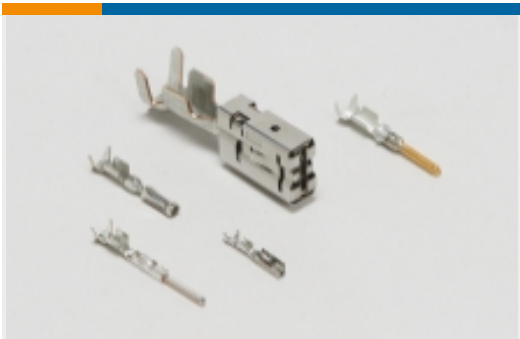


TE Part # 85488-7  
MOD I RECP PLTD 30 SEL



TE Part # 85424-5  
MOD I RECP LP

Also in the Series | AMPMODU MOD 1



Automotive Terminals(4)



Board-to-Board Jumpers & Shunts(5)



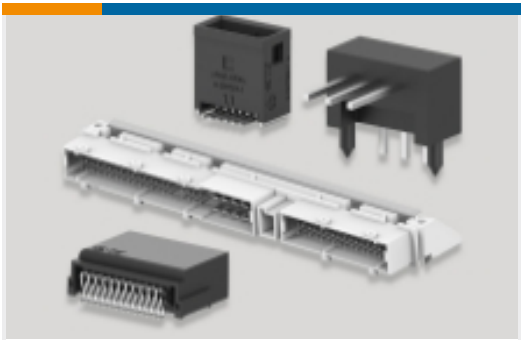
Connector Contacts(106)



Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(341)



Wire-to-Board Connector Assemblies  
& Housings(32)

Customers Also Bought





Documents

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_280595\_G.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_280595\_G.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_280595\_G.2d\_dxf.zip

English

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

Product Specifications

Product Specification

English

Agency Approvals



UL Report

English