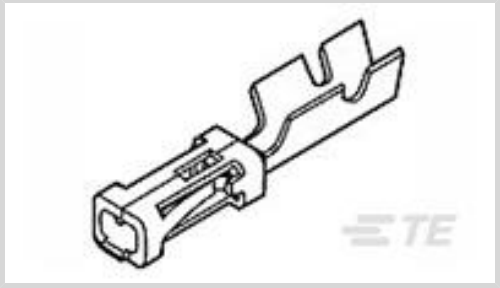




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

Wire Contact Termination Area Plating Material: **Tin-Lead over Nickel**

Operating Voltage: **250 VAC**

Compatible With Wire & Cable Type: **Discrete Wire**

Features

Product Type Features

|                  |          |
|------------------|----------|
| Applied Pressure | Standard |
|------------------|----------|

Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

Electrical Characteristics

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

Contact Features

|                                                |                            |
|------------------------------------------------|----------------------------|
| Contact Type                                   | Socket                     |
| Contact Mating Area Plating Material           | Gold (Au)                  |
| Wire Contact Termination Area Plating Material | Tin-Lead over Nickel       |
| Contact Base Material                          | Copper Tin Phosphor Bronze |
| Contact Current Rating (Max)                   | 3 A                        |
|                                                | 100 – 200 μin              |
| Mating Square Post Dimension                   | .64 mm[.025 in]            |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|



|                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Terminates To                                           | Wire & Cable                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Mechanical Attachment                                           |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Wire Insulation Support                                         | With                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Dimensions                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Wire Size                                                       | 59.2 – 197.35 CMA                                                                                                                                                                                                                                                                                                                                                                                                             |
| Usage Conditions                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Operating Temperature Range                                     | -65 – 105 °C[-85 – 221 °F]                                                                                                                                                                                                                                                                                                                                                                                                    |
| Operation/Application                                           |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Circuit Application                                             | Power & Signal                                                                                                                                                                                                                                                                                                                                                                                                                |
| Industry Standards                                              |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Compatible With Approved Standards Products                     | CSA LR7189, UL E28476                                                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging Features                                              |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Packaging Quantity                                              | 1000                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Packaging Method                                                | Loose Piece                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Product Compliance                                              |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| For compliance documentation, visit the product page on TE.com> |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| EU RoHS Directive 2011/65/EU                                    | Not Compliant                                                                                                                                                                                                                                                                                                                                                                                                                 |
| EU ELV Directive 2000/53/EC                                     | Compliant with Exemptions                                                                                                                                                                                                                                                                                                                                                                                                     |
| China RoHS 2 Directive MIIT Order No 32, 2016                   | Restricted Materials Above Threshold                                                                                                                                                                                                                                                                                                                                                                                          |
| EU REACH Regulation (EC) No. 1907/2006                          | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Pb (13% in Component Part)<br><b>Article Safe Usage Statements:</b><br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content                                                 | Low Halogen - Br, Cl, F < 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



TE Part # 91541-1  
CCII MOD IV 1 2 REC 32-27 ASSY



TE Part # 87499-4  
02 MODIV HSG COMP SR .100CL



TE Part # 2-87499-1  
12 MODIV HSG SR MRKD .100CL



TE Part # 87499-7  
04 MODIV HSG SR MRKD .100CL

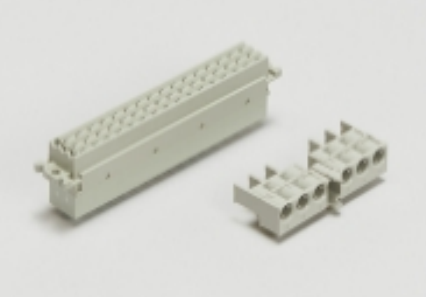


TE Part # 87499-3  
02 MODIV HSG SR MRKD .100CL

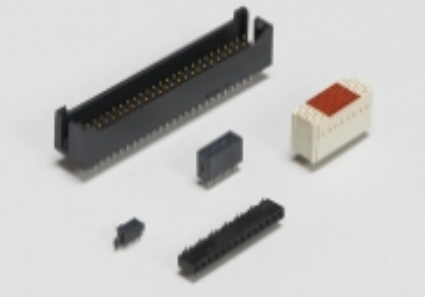


TE Part # 843996-3  
TOOL, EXTRACTION RESET

Also in the Series | AMPMODU IV/V



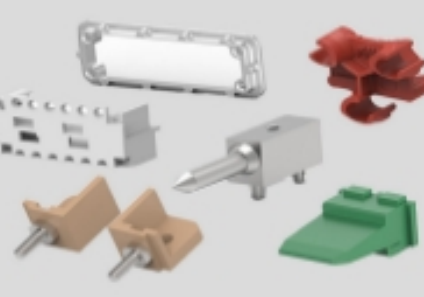
Backplane Connector Housings(1)



Board-to-Board Headers & Receptacles(143)



Connector Contacts(211)



Connector Hardware(8)



Power Contacts(171)



Rectangular Connector Housings(294)



Standard Rectangular Connectors(295)



Wire-to-Board Connector Assemblies & Housings(295)



Customers Also Bought

TE Part #6-102316-4  
MOD IV RECP LP LF

TE Part #102387-7  
30 MODIV HSG COMP DR .100 POL

TE Part #745255-2  
SPRING LATCH 2/BAG

TE Part #1-745495-7  
25 HDE MS RCPT,26-30,LEAD FREE

TE Part #749087-2  
50SR SCREWLOCK KIT,FEMALE

TE Part #1658685-1  
HDP-22,RCPT,SIZE 5,78 POSN

TE Part #CAT-AM74-UN384H  
AMP-LATCH UNIVERSAL HEADERS

TE Part #5749191-1  
28 50SR KIT,ST,UK

TE Part #5749621-3  
28 50S CABLE PLUG CONN/COV KIT

Documents

Product Drawings

MOD IV RECP LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-102316-4\_AF\_c-1-102316-4-af.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-102316-4\_AF\_c-1-102316-4-af.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-102316-4\_AF\_c-1-102316-4-af.3d\_stp.zip

English

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



Datasheets & Catalog Pages

AMP MODU IV & V Section of Catalog 1307819

English

Product Specifications

Application Specification

English