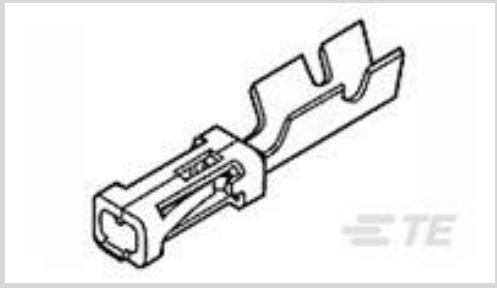




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

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

Wire Contact Termination Area Plating Material: **Gold Flash**

Operating Voltage: **250 VAC**

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

Features

Product Type Features

|                  |      |
|------------------|------|
| Applied Pressure | High |
|------------------|------|

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 | Gold Flash      |
| Contact Base Material                          | Phosphor Bronze |
| Contact Current Rating (Max)                   | 3 A             |
| 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                  | 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| 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 # 843996-3  
TOOL, EXTRACTION RESET

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

Also in the Series | AMPMODU IV/V

Backplane Connector Housings(1)

Connector Caps & Covers(5)

Connector Contacts(179)

Connector Hardware(8)

Insertion & Extraction Tools(4)

PCB Headers & Receptacles(125)

Power Contacts(140)

Customers Also Bought

TE Part #CAT-R21-731072  
Bulbous Heat Shrink Boots: Lipped, Straight

TE Part #823279-000  
382A012-4/42-0

TE Part #849005-000  
202D211-25/42-0

TE Part #DT15-12PC-B016  
HDR, 12P, GRN, ST, ENH KEY, NI/CU, C



TE Part #31123  
BODY,RING TONGUE 12-10 5/16

TE Part #87499-9  
05 MODIV HSG SR MRKD .100CL

TE Part #1658672-1  
HDP-22,PLUG,SIZE 3,44 POSN

TE Part #5745653-4  
DIECAST STRAIN RELIEF KIT,SZ 3

TE Part #EK7267-000  
202S121-25C-0

Documents

Product Drawings

MOD V RECP LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_103455-2\_AB\_c-103455-2-ab.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_103455-2\_AB\_c-103455-2-ab.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_103455-2\_AB\_c-103455-2-ab.3d\_stp.zip

English

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

Datasheets & Catalog Pages

AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTION5\_CONT

English

1-1773720-9\_AMPMODU\_MOD\_IV\_V\_QRG

English

Product Specifications

Application Specification

English

103455-2

Gold (Au), Socket Contact, 32 – 27 AWG, 250 VAC, .03 – .1 mm<sup>2</sup> Wire, 59.2 – 197.35  
CMA, Discrete Wire, Crimp, Phosphor Bronze, AMPMODU IV/V

