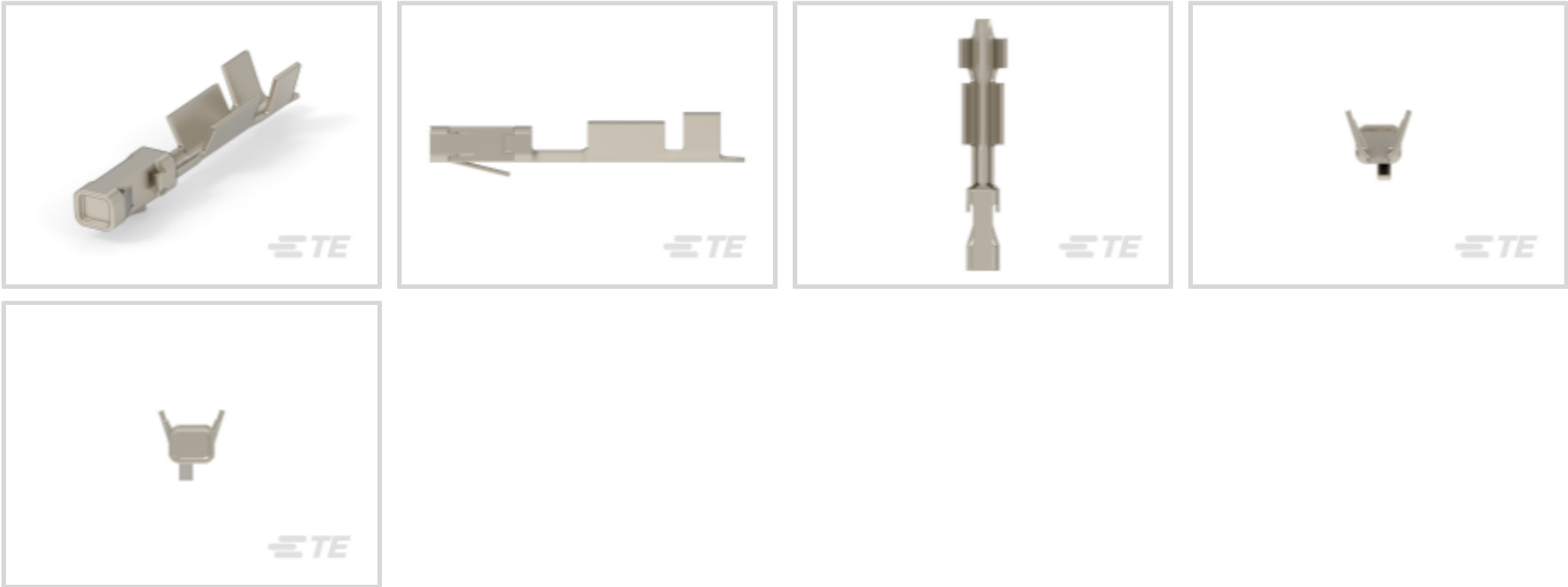




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

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

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

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

|                    |                   |
|--------------------|-------------------|
| Discrete Wire Type | Solid or Stranded |
| Applied Pressure   | High              |
| Sealable           | No                |

Configuration Features

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

Electrical Characteristics

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

Contact Features

|                |                  |
|----------------|------------------|
| Contact Length | 11.93 mm[.47 in] |
| Barrel Type    | Open             |
| Contact Type   | Socket           |



|                                                |                 |
|------------------------------------------------|-----------------|
| Contact Mating Area Plating Material           | Gold (Au)       |
| Wire Contact Termination Area Plating Material | Gold Flash      |
| Contact Retention Within Housing               | With            |
| Contact Size                                   | .64mm           |
| Contact Base Material                          | Phosphor Bronze |
| Contact Current Rating (Max)                   | 3 A             |
| Mating Square Post Dimension                   | .64 mm[.025 in] |
| Contact Mating Area Plating Material Thickness | .76 µm[30 µin]  |
| Contact Orientation                            | Straight        |
| Contact Underplating Material                  | Nickel          |
| Contact Underplating Material Thickness        | 1.27 µm[50 µin] |

Termination Features

|                                    |              |
|------------------------------------|--------------|
| Termination Method to Wire & Cable | Crimp        |
| Product Terminates To              | Wire & Cable |

Mechanical Attachment

|                                       |               |
|---------------------------------------|---------------|
| Contact Retention Type Within Housing | Locking Lance |
| Wire Insulation Support               | With          |

Dimensions

|                                      |                      |
|--------------------------------------|----------------------|
| Wire Size                            | 394.71 – 1184.12 CMA |
| Compatible Insulation Diameter Range | 1.75 mm[.069 in]     |

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 | 12500 |
| Packaging Method   | Reel  |

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 # 1-87977-6  
36 MODIV HSG DR MRKD .100 POL

TE Part # 5-87977-1  
60 MODIV HSG COMP DR .100 POL

TE Part # 1-102241-7  
19 MODIV HSG COMP SR .100 POL

TE Part # 6-87631-3  
58 MODIV HSG COMP DR .100 POL

TE Part # 4-87631-3  
52 MODIV HSG COMP DR .100 POL

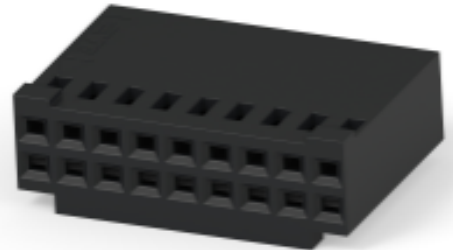
TE Part # 4-87977-7  
44 MODIV HSG COMP DR .100 POL

TE Part # 3-87631-8  
42 MODIV HSG DR MRKD .100 POL

TE Part # 2-87977-4  
60 MODIV HSG DR MRKD .100 POL



TE Part # 5-87977-7  
56 MODIV HSG DR MRKD .100 POL



TE Part # 87977-7  
18 MODIV HSG DR MRKD .100 POL



TE Part # 5-87977-4  
72 MODIV HSG COMP DR .100 POL



TE Part # 6-87456-5  
64 MODIV HSG COMP DR .100CL



TE Part # 1-87977-4  
32 MODIV HSG DR MRKD .100POL



TE Part # 6-87631-6  
64 MODIV HSG DR MRKD .100 POL



TE Part # 6-87631-4  
58 MODIV HSG DR MRKD .100 POL



TE Part # 1-102241-9  
21 MODIV HSG COMP SR .100 POL



TE Part # 1-102387-2  
64 MODIV HSG COMP DR .100 POL



TE Part # 1-102241-5  
17 MODIV HSG COMP SR .100 POL

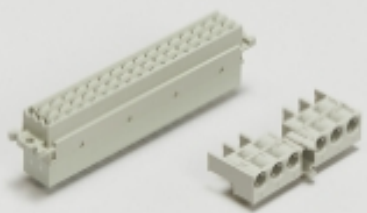


TE Part # 1-102241-1  
13 MODIV HSG COMP SR .100 POL

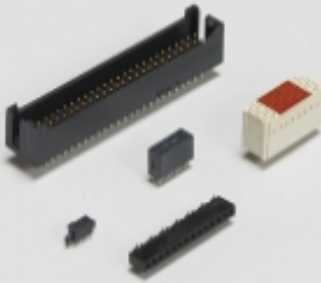


TE Part # 4-87977-0  
30 MODIV HSG COMP DR .100 POL

Also in the Series | AMPMODU IV/V



Backplane Connector Housings(1)



Board-to-Board Headers & Receptacles(125)



Connector Contacts(179)



Connector Hardware(8)



Power Contacts(140)



Rectangular Connector Housings(294)



Standard Rectangular Connectors(295)



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

Customers Also Bought



TE Part #5-102202-1  
04 MODII HDR SRST SHRD LF



TE Part #5-102202-3  
06 MODII HDR SRST SHRD LF



TE Part #284049-2  
TERMI-BLOK VERTICAL PLUG STACK



TE Part #5-445007-1  
PLUG ASSY,25 POSN,AMPLIMITE



TE Part #811262-2  
NUT DRIVER



TE Part #2-1393302-3  
V23134A0052G243-EV-CBOX



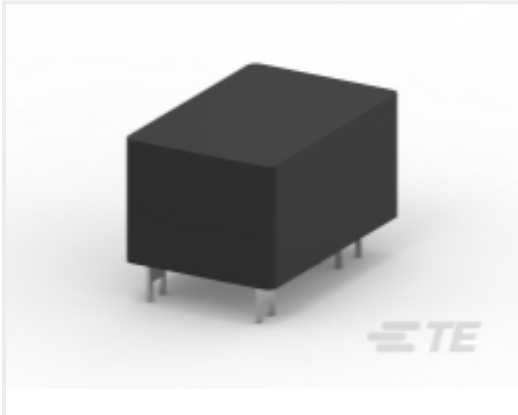
TE Part #1-2176249-8  
TJT 300W 680R 5%



TE Part #2266652-2  
OCEAN-2.0-APPLICATOR-S-063F110FA-RSA



TE Part #7-6609107-7  
PS0S0DSXA=C1208



TE Part #1-1393212-2  
T92S7D12-6

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_87309-9\_AH.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_87309-9\_AH.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_87309-9\_AH.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

Product Specifications



Application Specification

English