



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**  
Contact Mating Area Plating Material: **Gold**  
Wire Contact Termination Area Plating Material: **Tin**  
Operating Voltage: **250 VAC**  
Compatible With Wire & Cable Type: **Discrete Wire**

Features

Product Type Features

|                  |              |
|------------------|--------------|
| Applied Pressure | Intermediate |
|------------------|--------------|

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

|                                                       |                            |
|-------------------------------------------------------|----------------------------|
| Mating Square Post Dimension                          | .64 mm[.025 in]            |
| Wire Contact Termination Area Plating Material Finish | Bright                     |
| Contact Type                                          | Socket                     |
| Contact Mating Area Plating Material                  | Gold                       |
| Wire Contact Termination Area Plating Material        | Tin                        |
| Contact Base Material                                 | Copper Tin Phosphor Bronze |
| Contact Current Rating (Max)                          | 3 A                        |

Termination Features

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



|                         |              |
|-------------------------|--------------|
| Product Terminates To   | Wire & Cable |
| Mechanical Attachment   |              |
| Wire Insulation Support | With         |

|            |                      |
|------------|----------------------|
| Dimensions |                      |
| Wire Size  | 236.823 – 789.41 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 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

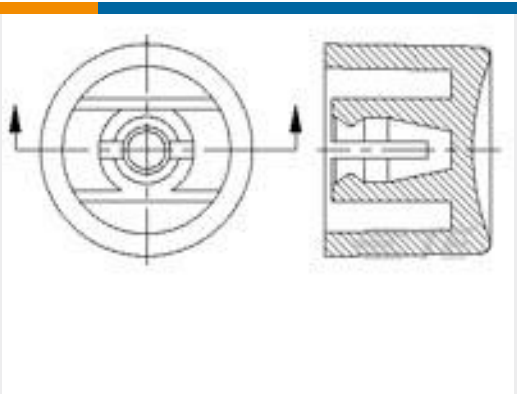
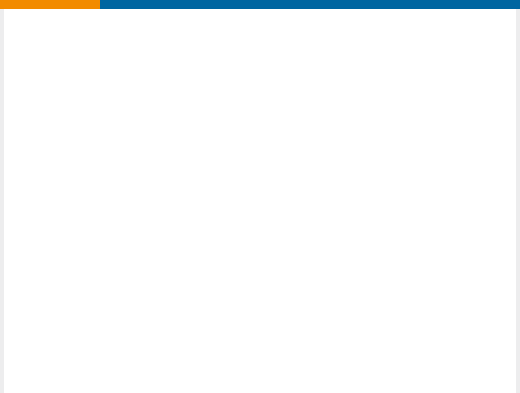
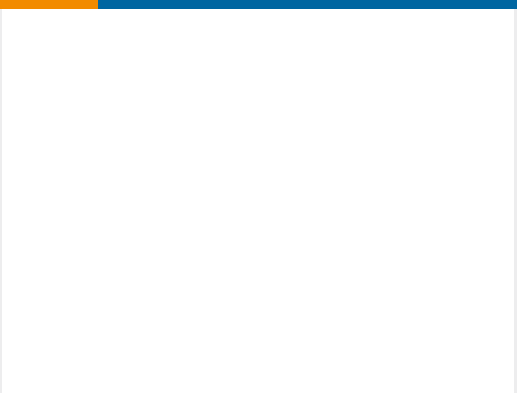
|                                                |                                                        |                                              |                                          |
|------------------------------------------------|--------------------------------------------------------|----------------------------------------------|------------------------------------------|
|                                                |                                                        |                                              |                                          |
| TE Part # 58641-1<br>PRO-CRIMP TL & DIE MOD IV | TE Part # 91517-1<br>CCII FEMALE MOD IV REC 24-22 ASSY | TE Part # 843996-3<br>TOOL, EXTRACTION RESET | TE Part # 58641-2<br>PROCRIMP DIE MOD IV |

Also in the Series | AMPMODU IV/V

|                                                    |                                |                                   |                                    |
|----------------------------------------------------|--------------------------------|-----------------------------------|------------------------------------|
|                                                    |                                |                                   |                                    |
| Backplane Connector Housings(1)                    | Connector Caps & Covers(15)    | Connector Contacts(321)           | Connector Hardware(13)             |
|                                                    |                                |                                   |                                    |
| Insertion & Extraction Tools(4)                    | PCB Headers & Receptacles(931) | Rectangular Connector Housings(5) | Standard Rectangular Connectors(7) |
|                                                    |                                |                                   |                                    |
| Wire-to-Board Connector Assemblies & Housings(436) |                                |                                   |                                    |

Customers Also Bought



|                                                                                                                                                          |                                                                                                                                              |                                                                                                                                                |                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part #211768-1<br/>Cable/Panel Mount Connector, CPC Series 1</p> |  <p>TE Part #66105-4<br/>III+ SKT,24-20,30AU/FL,LP</p>     |  <p>TE Part #102241-1<br/>03 MODIV HSG COMP SR .100 POL</p> |  <p>TE Part #1825069-1<br/>C23004 CAP BLACK</p> |
|  <p>TE Part #2-1676480-2<br/>CRG0402 1% 1K0</p>                        |  <p>TE Part #320551<br/>PIDG R 22-16 COMM 22-18 MIL 8</p> |  <p>TE Part #1214-202-1178<br/>R SNAP</p>                  |  <p>TE Part #107648-ZZ<br/>O RING</p>          |

Documents

Product Drawings

MOD IV RECP LP

English

CAD Files

Customer View Model

ENG\_CVM\_103171-5\_J.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_103171-5\_J.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_103171-5\_J.2d\_dxf.zip

English

3D PDF

English

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Product Specifications

Application Specification

English