



TE Internal #: 62587-1  
Receptacle, 6.42 mm [.253 in] Pin Diameter, 12 – 10 AWG, 3.3 – 5.26 mm² Wire, 6529 – 10382 CMA, Open Barrel, Tin Plating, 13.2 mm [.52 in] Length  
[View on TE.com >](#)

Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



Crimp Wire Terminal Type: **Receptacle**  
Mating Pin Diameter: **6.42 mm [.253 in]**  
Wire Size: **6529 – 10382 CMA**

Features

Product Type Features

|                                    |                 |
|------------------------------------|-----------------|
| Compatible With Discrete Wire Type | Solid, Stranded |
|------------------------------------|-----------------|

Configuration Features

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

Contact Features

|                           |                  |
|---------------------------|------------------|
| Crimp Wire Terminal Type  | Receptacle       |
| Mating Pin Diameter       | 6.42 mm[.253 in] |
| Barrel Type               | Open             |
| Terminal Plating Material | Tin              |
| Terminal Orientation      | Straight         |

Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

Dimensions

|                             |                  |
|-----------------------------|------------------|
| Wire Size                   | 6529 – 10382 CMA |
| Barrel Inside Diameter      | 2.54 mm[.1 in]   |
| Terminal Material Thickness | .5 mm[.02 in]    |
| Overall Product Length      | 13.2 mm[.52 in]  |



Usage Conditions

|                   |             |
|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

Packaging Features

|                  |      |
|------------------|------|
| Packaging Method | Reel |
|------------------|------|

Product Compliance

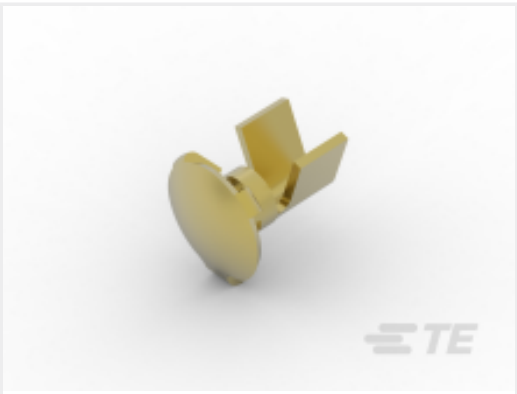
For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<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



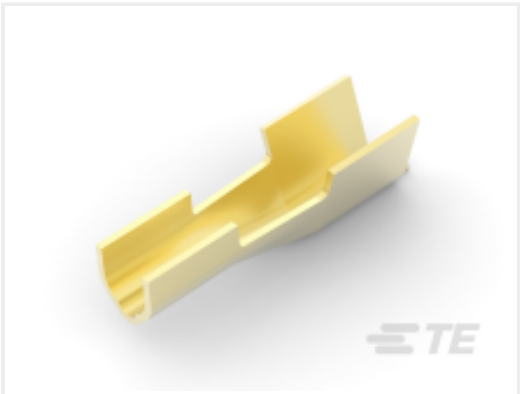
TE Part # 61280-1  
BUTTON CONTACT 20-16 AWG BR



TE Part # 63723-2  
RCPT TWISTLOK 20-16 0255 TPPHBZ



TE Part # 1217881-1  
250 FUSE RCPT 020TPBRR



TE Part # 1438246-1  
SPLICE, BUTT, HEATER WIRE 18-16 AWG BR



TE Part # 1217440-8  
STRAIN RELIEF,SPECIAL PH BRZ

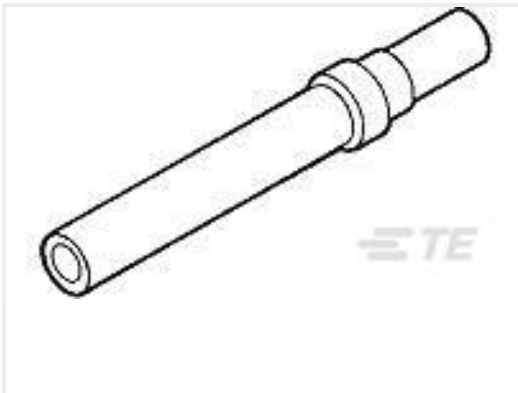


TE Part # 1438246-2  
SPLICE, BUTT, HEATER WIRE 18-16AWG PTPBR

Customers Also Bought



TE Part #1658681-1  
HDP-22,RCPT,SIZE 1,15 POSN



TE Part #205090-1  
HD 20 SOCKET CONTACT



TE Part #1658642-1  
HDP-20,PLUG,SIZE 1, 9 POSN,CLI



TE Part #66105-4  
III+ SKT,24-20,30AU/FL,LP



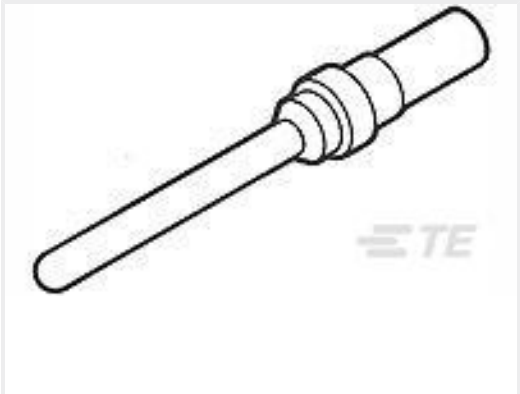
TE Part #1658643-1  
HDP-20,RCPT,SIZE 1, 9 POSN,CLI



TE Part #5745908-2  
PLUG ASSY,15P,HDP-20,CN



TE Part #66101-4  
III+ SKT,18-16,30AU/FL,LP



TE Part #205089-1  
HD 20 PIN CONTACT



TE Part #211102-1  
CPC RECEPT ASSEMBLY SIZE 11-4



TE Part #1658686-2  
SOCKET CONT, 22-28 AWG, DF 22, AMPLIMITE

Documents





Product Drawings

PIN RECEPTACLE 12-10 AWG TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_62587-1\_F.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_62587-1\_F.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_62587-1\_F.3d\_stp.zip

English

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