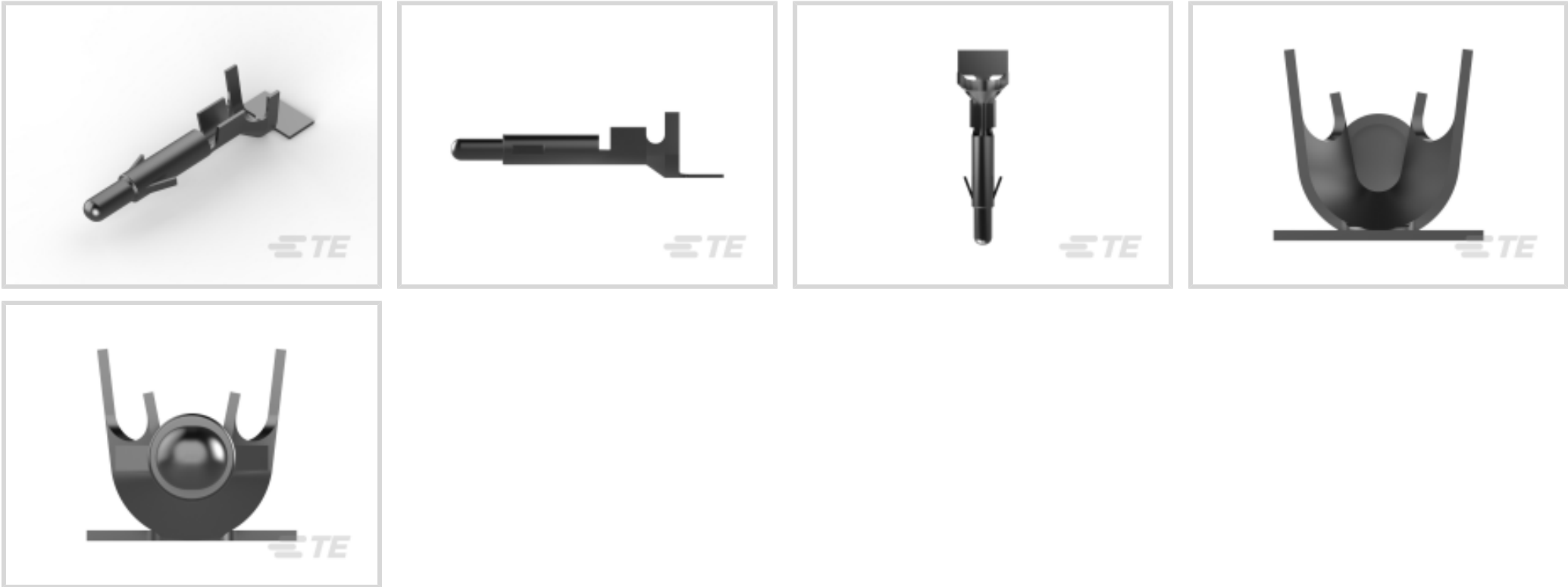




Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**  
Operating Voltage: **600 VAC**  
Contact Mating Area Plating Material: **Pre-Tin**  
Wire Size: **.5 – 2 mm<sup>2</sup>**

Features

Product Type Features

|                                   |              |
|-----------------------------------|--------------|
| Power Contact Type                | Contact      |
| Connector System                  | Wire-to-Wire |
| Connector & Contact Terminates To | Wire & Cable |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VAC |
|-------------------|---------|

Contact Features

|                                                |                  |
|------------------------------------------------|------------------|
| Contact Shape & Form                           | Split            |
| Contact Mating Area Plating Material           | Pre-Tin          |
| Contact Current Rating (Max)                   | 19 A             |
| Contact Type                                   | Pin              |
| Contact Retention Within Housing               | With             |
| Mating Pin Diameter                            | 2.18 mm[.086 in] |
| Contact Base Material                          | Brass            |
| Wire Contact Termination Area Plating Material | Pre-Tin          |
| Contact Orientation                            | Straight         |



Termination Features

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

Mechanical Attachment

|                                       |                            |
|---------------------------------------|----------------------------|
| Contact Retention Type Within Housing | Locking Lance              |
| Connector Mounting Type               | Cable Mount (Free-Hanging) |
| Wire Insulation Support               | Without                    |

Dimensions

|                                        |                            |
|----------------------------------------|----------------------------|
| Wire Size                              | .5 – 2 mm²                 |
| Accepts Wire Insulation Diameter Range | 3.3 – 5.08 mm[.13 – .2 in] |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

|                  |                               |
|------------------|-------------------------------|
| CSA Rating       | Certified                     |
| Glow Wire Rating | Standard Part - Not Glow Wire |
| VDE Tested       | Yes                           |
| Agency/Standard  | CSA, UL                       |
| CSA File Number  | LR 7189                       |
| UL Rating        | Recognized                    |
| UL File Number   | E28476                        |

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Method   | Reel |
| Packaging Quantity | 2500 |

Other

|                 |                                             |
|-----------------|---------------------------------------------|
| Wire/Cable Type | Discrete Wire                               |
| Wire Type       | Stranded                                    |
| For Use With    | Universal MATE-N-LOK Plug or Socket Housing |

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 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<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 # 90547-1  
ASSY PRO-CRIMPER UNIV M-N-L

TE Part # 91506-1  
CCII UNML UNML II PIN SKT 16-14 ASSY

TE Part # 90547-2  
PROCRIMPER DIE ASSY UNIV MNL

TE Part # 1804030-1  
EXTRACTION TOOL ASSY

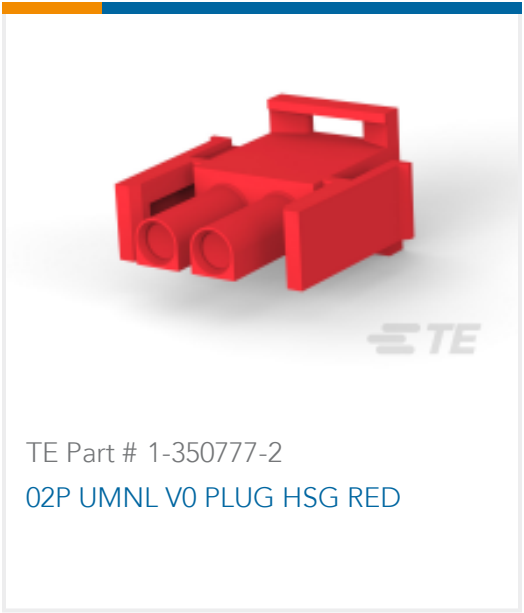
TE Part # 1-480705-2  
06P UNML CAP HSG RED

TE Part # 1-480708-9  
12P UMNL PLUG HSG BLK

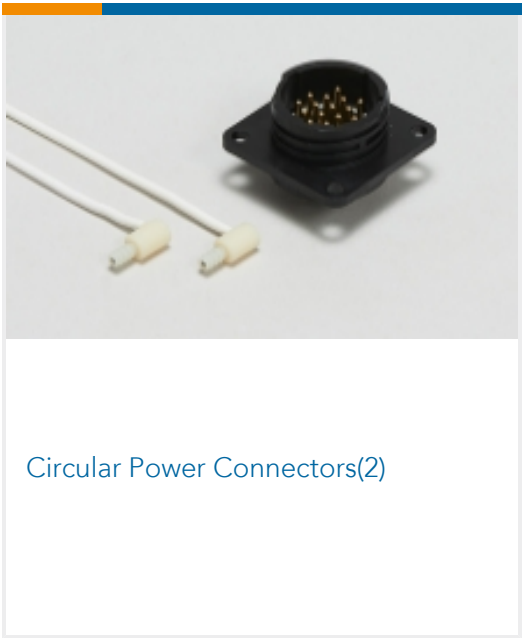
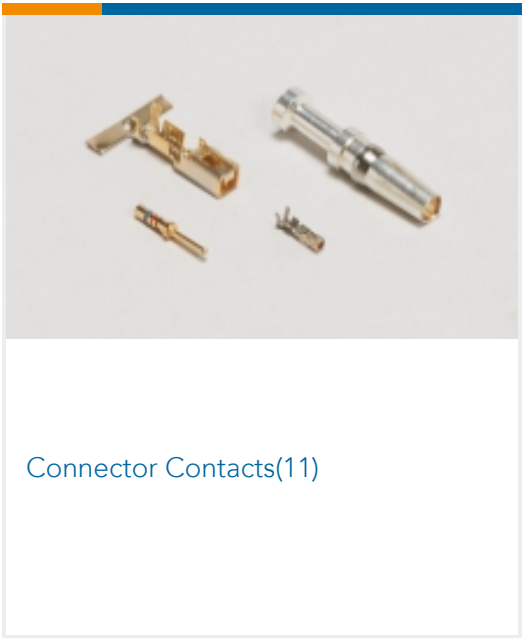
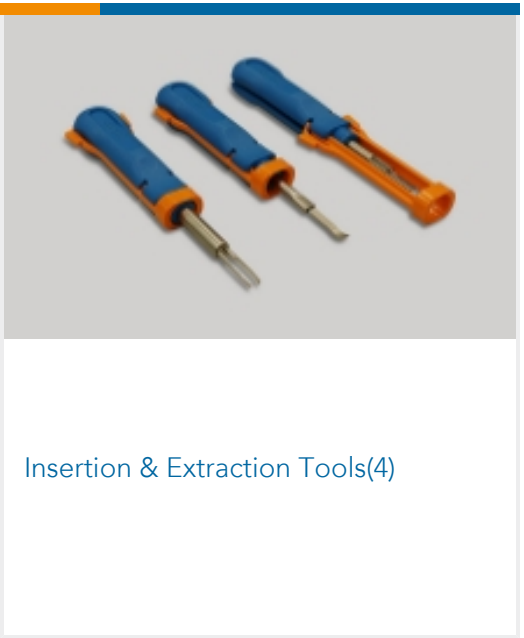
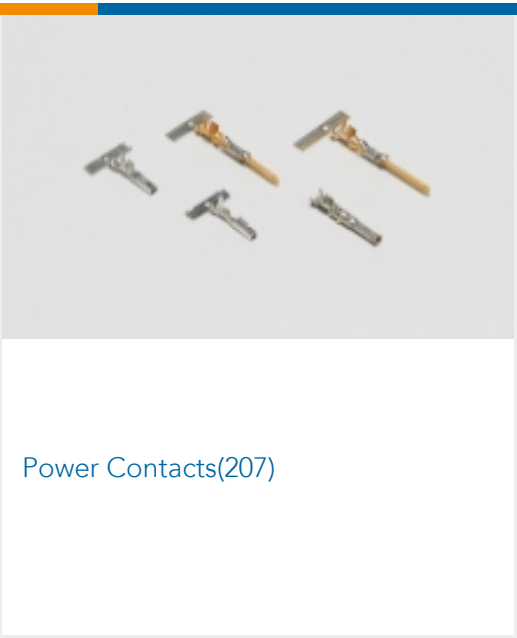
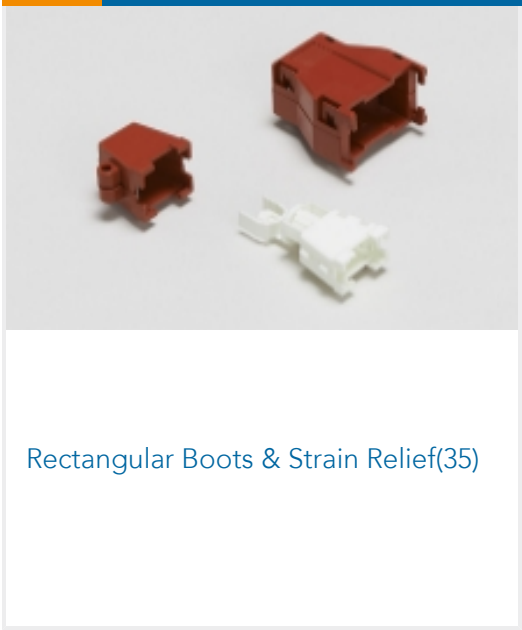
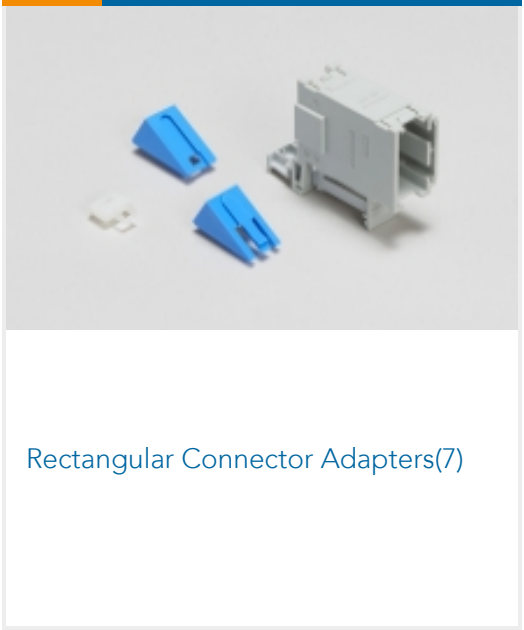
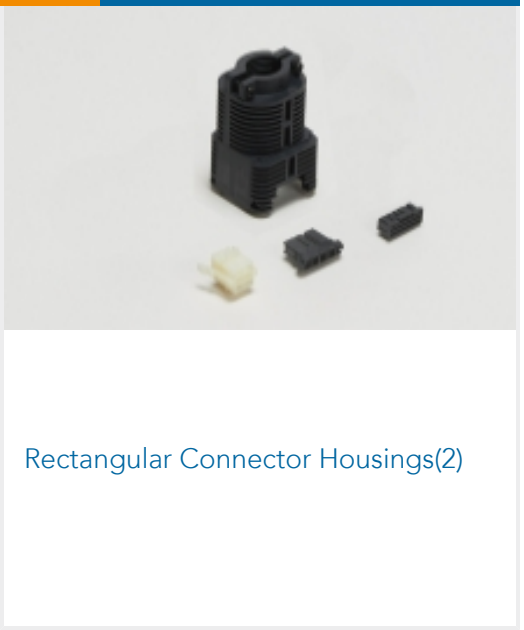
TE Part # 926307-3  
6P UN-MNL AUFN-GEH

TE Part # 1-480704-2  
06P UMNL PLUG HSG RED



|                                                                                                                                           |                                                                                                                                              |                                                                                                                                       |                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 926302-1<br/>10&amp; UNIV.M-N-L.PLUG</p>   |  <p>TE Part # 1-350777-2<br/>02P UMNL V0 PLUG HSG RED</p>  |  <p>TE Part # 350783-1<br/>12P UMNL CAP HSG</p>    |  <p>TE Part # 1-350778-9<br/>02P UMNL V0 CAP HSG BLACK</p> |
|  <p>TE Part # 350735-1<br/>12P UMNL PLUG HSG</p>        |  <p>TE Part # 926302-3<br/>10P UN-MNL STECKGEH</p>        |  <p>TE Part # 926308-3<br/>8P UN-MNL AUFN-GEH</p> |  <p>TE Part # 1-350766-2<br/>03P UMNL V0 PLUG HSG RED</p> |
|  <p>TE Part # 1-480701-4<br/>03P UMNL CAP HSG YELL</p> |  <p>TE Part # 640585-1<br/>06P UMNL PLUG HSG V2 NATL</p> |  <p>TE Part # 926308-1<br/>8P UNIV.M-N-L.CAP</p> |  <p>TE Part # 926309-1<br/>10P UNIV.M-N-L.CAP</p>        |

Also in the Series | Universal MATE-N-LOK

|                                                                                                                                      |                                                                                                                               |                                                                                                                                  |                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
|  <p>Circular Power Connectors(2)</p>              |  <p>Connector Contacts(11)</p>            |  <p>Insertion &amp; Extraction Tools(4)</p> |  <p>Power Contacts(207)</p>                   |
|  <p>Rectangular Boots &amp; Strain Relief(35)</p> |  <p>Rectangular Connector Adapters(7)</p> |  <p>Rectangular Connector Housings(2)</p>   |  <p>Rectangular Connector Keying Plugs(3)</p> |



Rectangular Connector Locking(4)



Rectangular Connector Seals(26)



Rectangular Power Connectors(725)

Customers Also Bought



TE Part #1376391-1  
STD Temp Power Key Plug



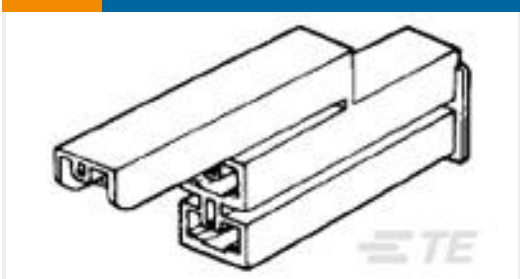
TE Part #1376394-1  
Power Key TPA



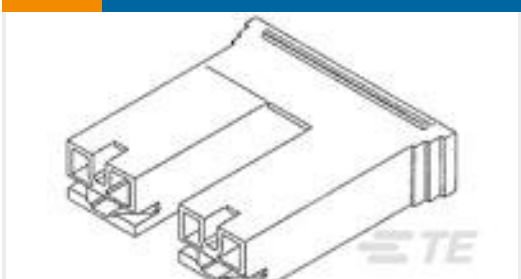
TE Part #1-1971772-4  
POWER TRIPLE LOCK STD TEMP CAP



TE Part #1-1376391-2  
Glow Wire Power Key Plug



TE Part #1-172075-1  
3 POS PL 187(4.8 MM) HOUSING NATURAL



TE Part #1-520935-1  
250 HSG. PL MKII REC. 15.11mm 2P NAT



TE Part #794992-1  
03P UMNL BLACK INTERFACE SEAL



TE Part #1217094-1  
RCPT 250 POS-LOCK 18-14 0126BR



TE Part #1633609-2  
CRIMPER, WIRE "F" .039

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_350700-1\_BS.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_350700-1\_BS.3d\_igs.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_350700-1\\_BS.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT\\_SHELL\\_PIN\\_SOCKET\\_CONNECTORS\\_STANDARD\\_DENSITY](#)

English

Product Specifications

[Application Specification](#)

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Product Environmental Compliance

[MD\\_350700-1\\_03202018634\\_dmtec](#)

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[MD\\_350700-1\\_03202018634\\_dmtec](#)

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Agency Approvals

[UL Report](#)

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