



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

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

Wire Contact Termination Area Plating Material: **Tin**

Operating Voltage: **600 VDC**

Features

Product Type Features

|                    |          |
|--------------------|----------|
| Discrete Wire Type | Stranded |
|--------------------|----------|

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VDC |
|-------------------|---------|

Contact Features

|                                                       |                               |
|-------------------------------------------------------|-------------------------------|
| Contact Underplating Material                         | Nickel                        |
| Contact Orientation                                   | Straight                      |
| Mating Pin Diameter                                   | 1 mm[.039 in]                 |
| Contact Underplating Material Thickness               | 1.27 µm[50 µin]               |
| Contact Mating Area Plating Material Thickness        | .76 µm[30 µin]                |
| Wire Contact Termination Area Plating Material Finish | Matte                         |
| Wire Contact Termination Area Plating Thickness       | 2.54 – 6.35 µm[100 – 250 µin] |
| Contact Type                                          | Pin                           |
| Contact Mating Area Plating Material                  | Gold (Au)                     |
| Wire Contact Termination Area Plating Material        | Tin                           |
| Contact Retention Within Housing                      | Without                       |



|                              |        |
|------------------------------|--------|
| Contact Base Material        | Brass  |
| Contact Current Rating (Max) | 10.5 A |

Termination Features

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

Mechanical Attachment

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

Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| Compatible Insulation Diameter Range | 2.01 – 3.2 mm[.079 – .126 in] |
| Wire Size                            | .5 – 1.4 mm²                  |

Usage Conditions

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

Operation/Application

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

Industry Standards

|                                           |         |
|-------------------------------------------|---------|
| Compatible With Agency/Standards Products | CSA, UL |
|-------------------------------------------|---------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 1000 |
| Packaging Method   | Bag  |

Product Compliance

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

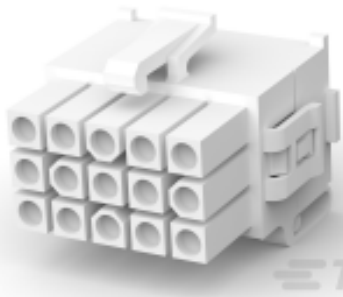
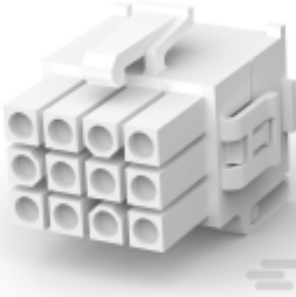
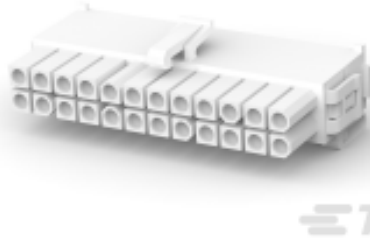
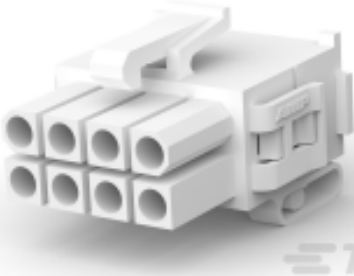
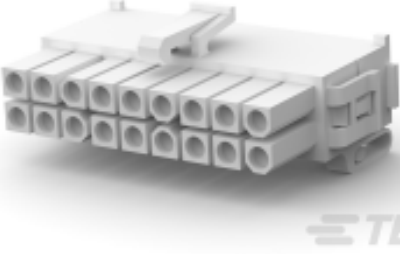
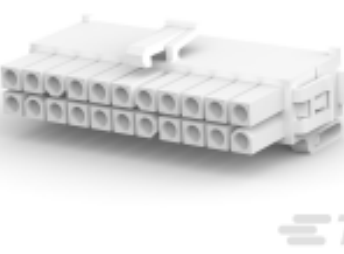
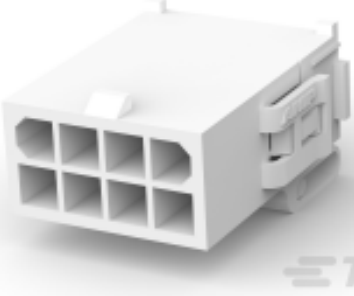
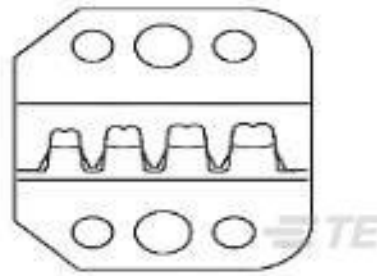
|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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 reviewed 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

|                                                                                                                                                 |                                                                                                                                                 |                                                                                                                                                   |                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 794204-1<br/>15P MINI UMN2 PLUG HSG UL94V0</p> |  <p>TE Part # 794253-1<br/>12P MINI UMN2 PLUG HSG MATRIX</p> |  <p>TE Part # 794267-1<br/>24P MINI UMN2 PLUG HSG UL94V2</p> |  <p>TE Part # 794207-1<br/>16P MINI UMN2 CAP HSG UL94V0</p>  |
|  <p>TE Part # 794215-1<br/>24P MINI UMN2 CAP HSG UL94V0</p>  |  <p>TE Part # 794260-1<br/>16P MINI UMN2 CAP HSG UL94V2</p>  |  <p>TE Part # 794192-1<br/>08P MINI UMN2 PLUG HSG UL94V0</p> |  <p>TE Part # 794200-1<br/>12P MINI UMN2 PLUG HSG MATRIX</p> |
|  <p>TE Part # 794208-1<br/>18P MINI UMN2 PLUG HSG UL94V0</p> |  <p>TE Part # 794212-1<br/>22P MINI UMN2 PLUG HSG UL94V0</p> |  <p>TE Part # 794246-1<br/>08P MINI UMN2 CAP HSG UL94V2</p>  |  <p>TE Part # 58707-2<br/>PROCRIMP MINI-U-MNL2 DIE</p>       |



TE Part # 794195-1  
09P MINI UMNL2 CAP HSG UL94V0

TE Part # 794205-1  
15P MINI UMNL2 CAP HSG UL94V0

TE Part # 794210-1  
20P MINI UMNL2 PLUG HSG UL94V0

TE Part # 794193-1  
08P MINI UMNL2 CAP HSG UL94V0

TE Part # 794199-1  
12P MINI UMNL2 CAP HSG DBLROW

TE Part # 794206-1  
16P MINI UMNL2 PLUG HSG UL94V0

TE Part # 794239-1  
03P MINI UMNL2 PLUG HSG UL94V2

TE Part # 794184-1  
02P MINI UMNL2 PLUG HSG UL94V0

Also in the Series | Mini-Universal MATE-N-LOK 2

Connector Contacts(34)

Insertion & Extraction Tools(1)

Power Contacts(33)

Rectangular Connector Housings(45)

Rectangular Power Connectors(45)

Standard Rectangular Connectors(45)

Customers Also Bought

TE Part #CAT-NC1-MPTS4812  
Medium Power Terminals Single Wire  
Seals 4.8mm-12mm

TE Part #1544965-1  
8MM NG1+ TERMINAL

TE Part #2-1703930-1  
NANOMQS, RECEPTACLE TERMINAL

TE Part #647466-2  
SL156 RECPT,AUNI/PHBZ,16AWG





TE Part #794214-1

[24P MINI UMNL2 PLUG HSG UL94V0](#)



TE Part #C0-0321-000-000

[CRIMPING INSERT FOR SLEEVE](#)



TE Part #2-2141600-2

[TAB 2.8x0.8 CONTACT CF SRC Ag](#)



TE Part #1544964-1

[8MM NG1+ TERMINAL](#)



TE Part #822283-000

[204K012-3-0](#)

Documents

Product Drawings

[MINI UMNL2 PIN 20-16AWG LP LF](#)

English

CAD Files

Customer View Model

[ENG\\_CVM\\_1-794230-0\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-794230-0\\_D.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-794230-0\\_D.2d\\_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-794230-0\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-794230-0\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-794230-0\\_C.3d\\_stp.zip](#)

English



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Datasheets & Catalog Pages  
SOFT\_SHELL\_PIN\_AND\_SOCKET\_CONNECTORS\_CATALOG  
English

Product Specifications  
Product Specification  
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