

61366-1 ✓ ACTIVE

MATE-N-LOK | Commercial MATE-N-LOK

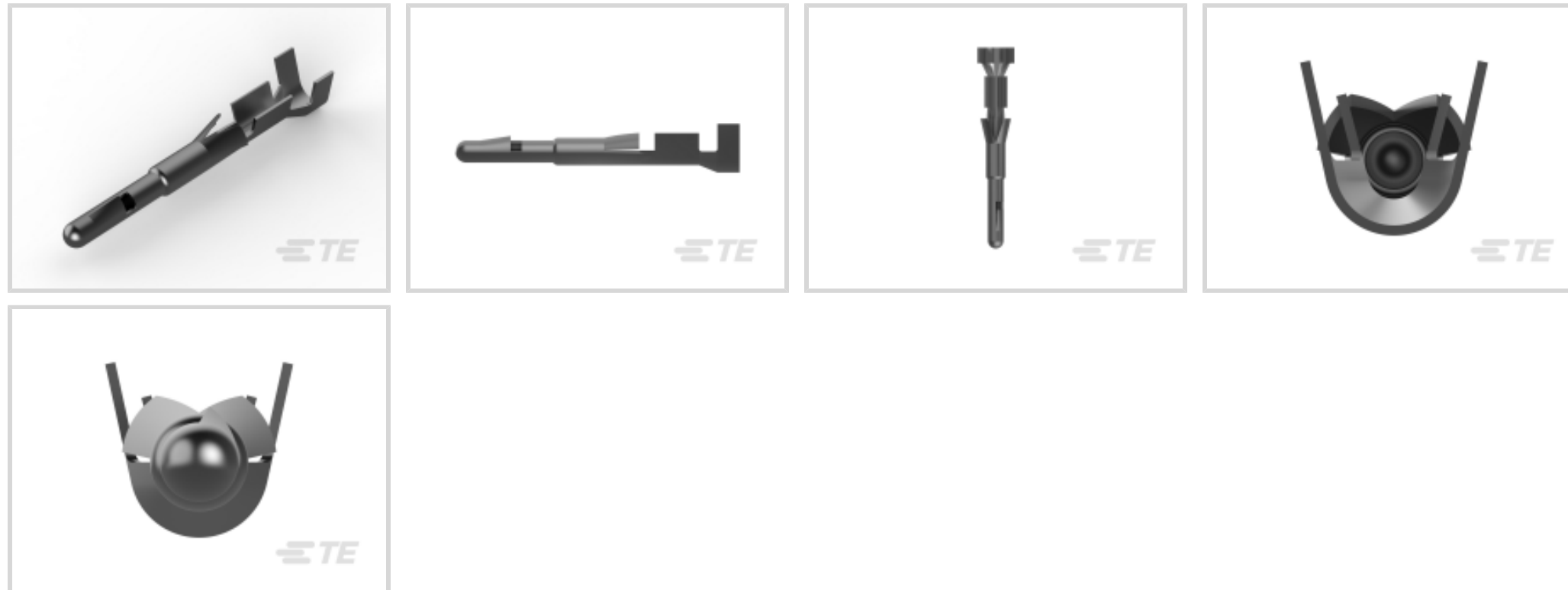
TE Internal #: 61366-1

Power Contacts, Contact, Tin, 22 – 18 AWG Wire Size, .33 – .82 mm² Wire Size, Wire & Cable, Crimp, Power, Pin, Brass, Pre-Tin, Commercial MATE-N-LOK

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.33 – .82 mm²**

Connector & Contact Terminates To: **Wire & Cable**

Features

Product Type Features

| | |
|------------------------------------|--------------|
| Compatible With Discrete Wire Type | Stranded |
| Power Contact Type | Contact |
| Connector & Contact Terminates To | Wire & Cable |

Contact Features

| | |
|---|-----------------|
| Contact Mating Area Plating Material | Tin |
| Contact Type | Pin |
| Contact Retention Within Housing | With |
| Mating Pin Diameter | 1.52 mm[.06 in] |
| Contact Base Material | Brass |
| | 3.302 μm |
| Wire Contact Termination Area Plating Thickness | 3.3 μm[130 μin] |
| 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 |
| Wire Insulation Support | Without |

Dimensions

| | |
|--------------------------------------|--------------------------------|
| Wire Size | .33 – .82 mm ² |
| Compatible Insulation Diameter Range | 1.52 – 2.79 mm [.06 – .109 in] |

Operation/Application

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

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 7500 |
| Packaging Method | Reel |

Product Compliance

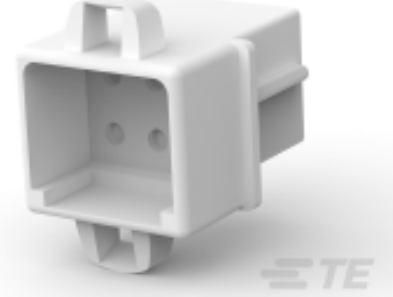
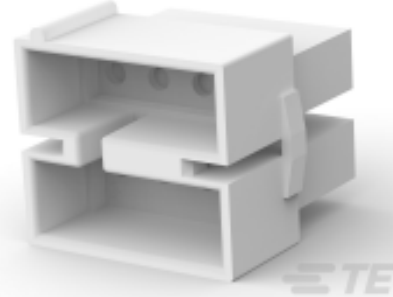
[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|---|
| 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 | Pin-in-Paste capable to 260°C |

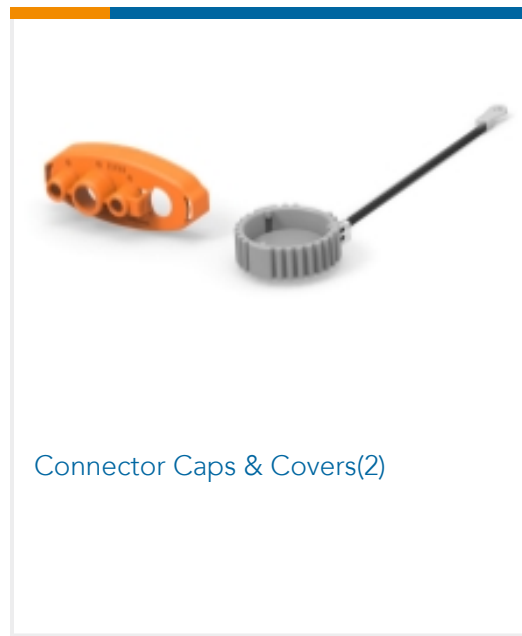
Product Compliance Disclaimer

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>

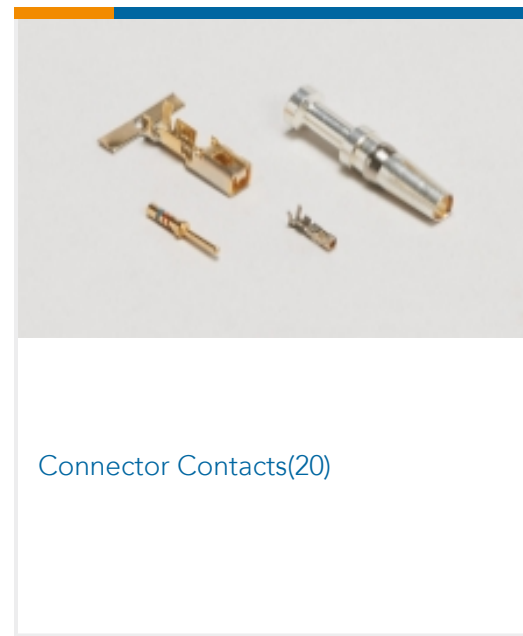
Compatible Parts

| | | | |
|--|---|---|--|
|  <p>TE Part # 1-480284-0 08P CMNL CAP HSG M/M NATL</p> |  <p>TE Part # 1-480277-0 09P CMNL CAP HSG P/M NATL</p> |  <p>TE Part # 1-480276-0 06P CMNL CAP HSG P/M NATL</p> |  <p>TE Part # 1-480439-0 16P CMNL CAP HSG M/M NATL</p> |
|  <p>TE Part # 1-480345-0 08P CMNL CAP HSG F/H NATL</p> |  <p>TE Part # 1-480340-0 06P CMNL CAP HSG F/H NATL</p> |  <p>TE Part # 1-480278-0 12P CMNL CAP HSG P/M NATL</p> |  <p>TE Part # 1-480324-0 15P CMNL CAP HSG P/M NATL</p> |
|  <p>TE Part # 170924-1 MNL 2 POS NATURAL PIN HSG</p> |  <p>TE Part # 1-480426-0 04P CMNL CAP HSG F/H NATL</p> |  <p>TE Part # 1-480498-1 02P CMNL CAP HSG F/H BLK</p> |  <p>TE Part # 1-480319-9 02P CMNL CAP HSG F/H BLK</p> |
|  <p>TE Part # 1-480319-0 02P CMNL CAP HSG NATL</p> |  <p>TE Part # 794048-1 08P CMNL CAP HSG D/L</p> |  <p>TE Part # 1-480350-0 01P CMNL CAP HSG F/H NATL</p> |  <p>TE Part # 1-480351-0 01P CMNL CAP HSG NATL</p> |
|  <p>TE Part # 925075-6 4W CIRCULAR MATE-N-LOK PIN HSG NAT</p> |  <p>TE Part # 1-480286-0 10P CMNL CAP HSG M/M NATL</p> |  <p>TE Part # 1-480339-0 10P CMNL CAP HSG F/H NATL</p> |  <p>TE Part # 1-480726-0 03P CMNL CAP HSG D/L NAT</p> |

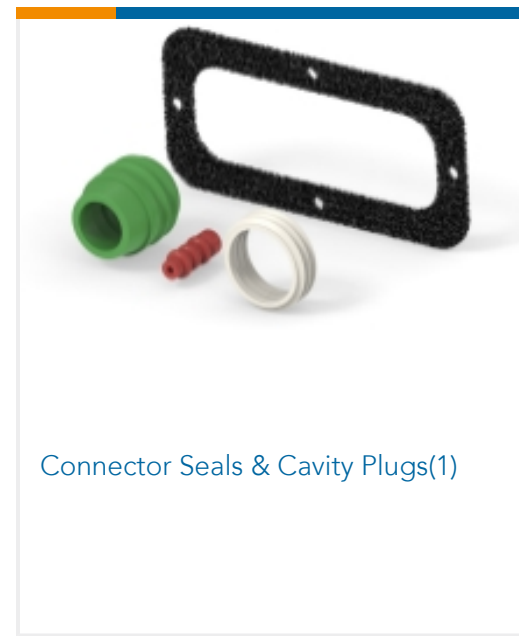
Also in the Series | **Commercial MATE-N-LOK**



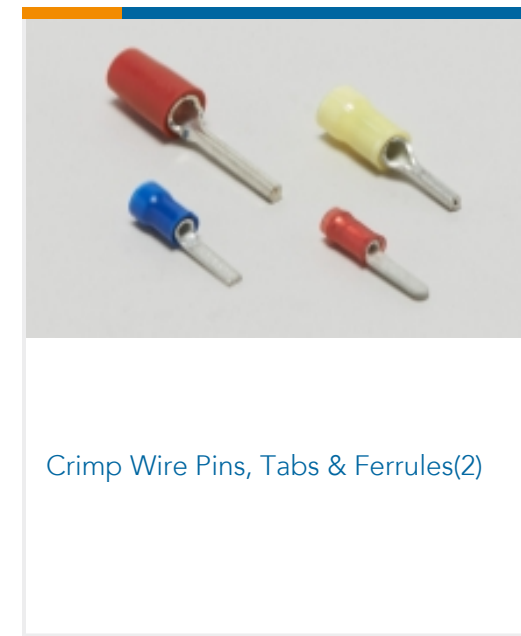
Connector Caps & Covers(2)



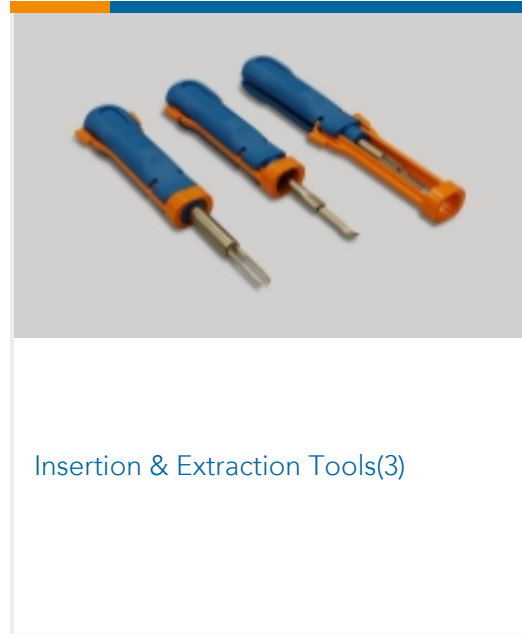
Connector Contacts(20)



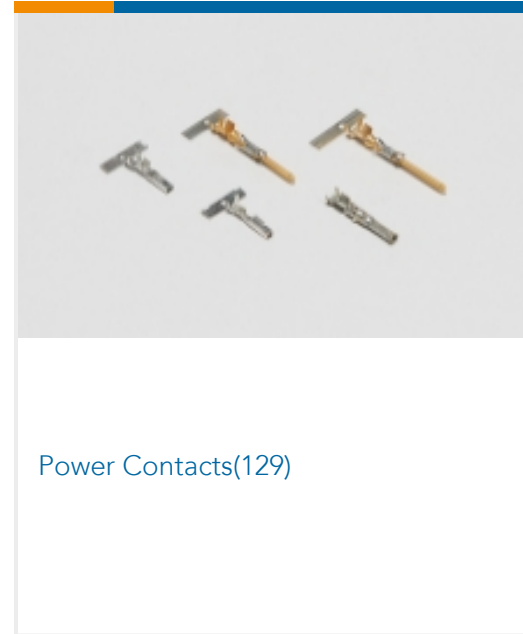
Connector Seals & Cavity Plugs(1)



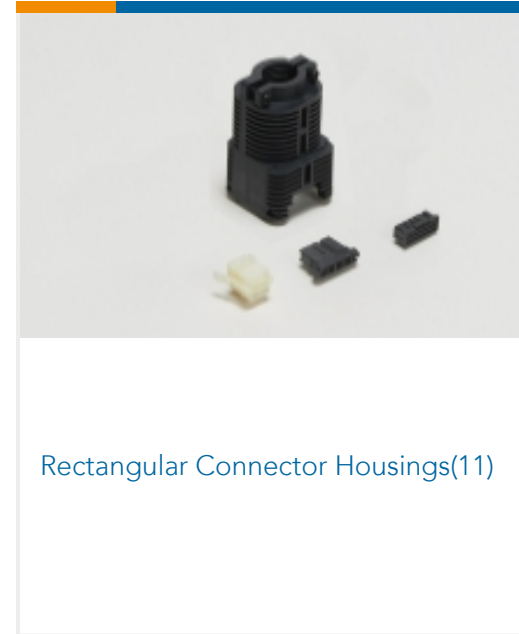
Crimp Wire Pins, Tabs & Ferrules(2)



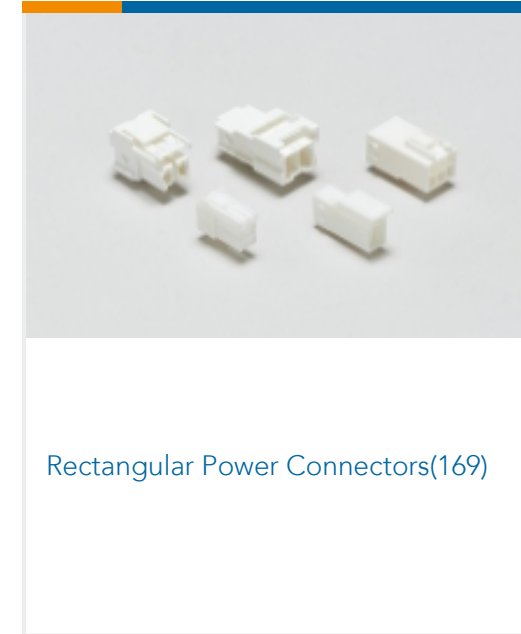
Insertion & Extraction Tools(3)



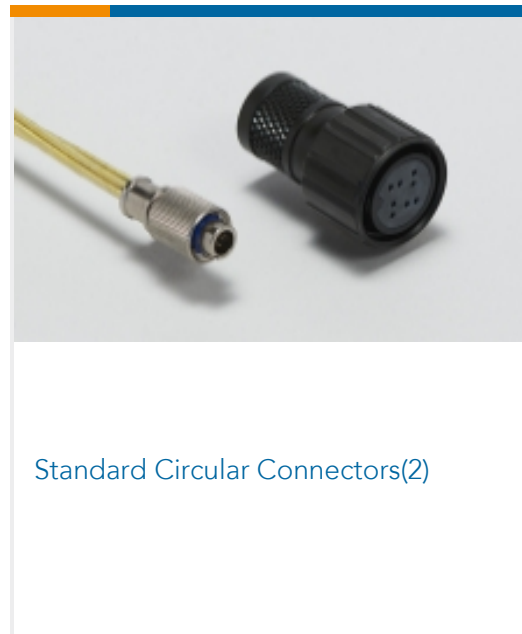
Power Contacts(129)



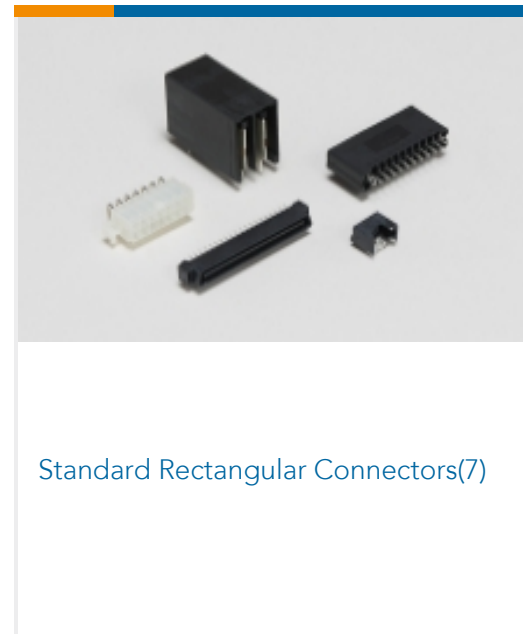
Rectangular Connector Housings(11)



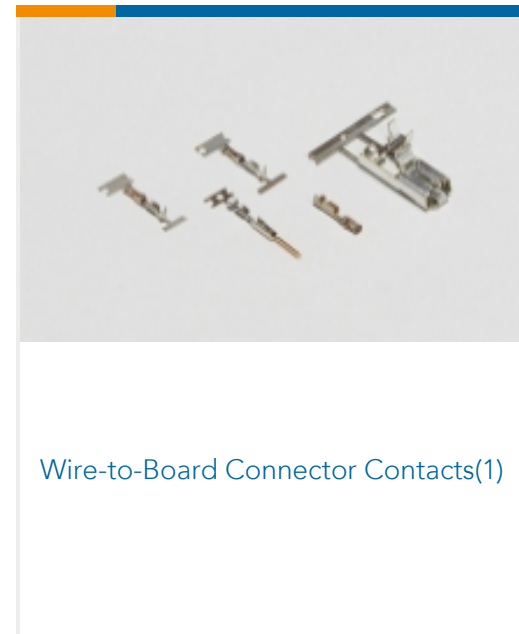
Rectangular Power Connectors(169)



Standard Circular Connectors(2)



Standard Rectangular Connectors(7)



Wire-to-Board Connector Contacts(1)

Customers Also Bought



TE Part #HDP24-24-18SE
REC, 18P, BLK, E, 8/12/16, S



TE Part #1487590-2
USB, A-B, 25/20, WHITE, 5.0M



TE Part #2-32961-1
TERMINAL,PG R 16-14 1/4



TE Part #52265-3
TERMINAL R PG 6 10



TE Part #2-34071-3
SPL,PG BUTT 16-14,FUNNEL ENTRY



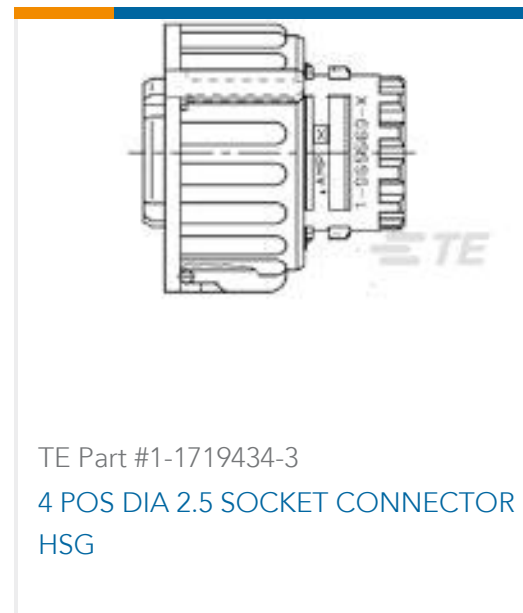
TE Part #1-794220-0
MINI UMNL2 PIN 22-18 AWG AU



TE Part #2-322455-1
TERMINAL,SOLIS R 12-10 10



TE Part #170181-2
205 FASTON,REC.,22-18 AWG,BR



Documents

Product Drawings

AUTO MNL PIN PTPBR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_61366-1_AE.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_61366-1_AE.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_61366-1_AE.3d_stp.zip](#)

English

3D PDF

English

Customer View Model

[ENG_CVM_61366-1_V.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_61366-1_V.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_61366-1_V.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

MD_61366-1_091820172328_dmtec

English

61366-1

Power Contacts, Contact, Tin, 22 – 18 AWG Wire Size, .33 – .82 mm² Wire Size, Wire & Cable, Crimp, Power, Pin, Brass, Pre-Tin, Commercial MATE-N-LOK



[MD_61366-1_091820172328_dmtec](#)

English