

881111-1 ✓ ACTIVE

MATE-N-LOK | Universal MATE-N-LOK

TE Internal #: 881111-1

Socket Contact, Tin, 20 – 14 AWG Wire Size, .52 – 2.08 mm<sup>2</sup> Wire Size, Crimp, Brass, Power, -67 – 257 °F [-55 – 125 °C], Universal MATE-N-LOK

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin**

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

Contact Retention Within Housing: **Without**

Wire Size: **20 – 14 AWG**

## Features

### Product Type Features

Discrete Wire Type	Stranded
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### Contact Features

Mating Pin Diameter	2 mm [.079 in]
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Wire Contact Termination Area Plating Material Finish	Bright
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Contact Orientation	Straight
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Contact Type	Socket
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Contact Mating Area Plating Material	Tin
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Wire Contact Termination Area Plating Material	Tin
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Contact Retention Within Housing	Without
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Contact Base Material	Brass
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### Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire & Cable
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### Mechanical Attachment



Wire Insulation Support	Without
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### Dimensions

Compatible Insulation Diameter Range	3.3 mm[.13 in]
Wire Size	.52 – 2.08 mm <sup>2</sup>

### Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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### Operation/Application

Circuit Application	Power
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### Packaging Features

Packaging Quantity	3500
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	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 # 926893-1  
UNIV.M-N-L.SOCKET CONTACT



TE Part # 350537-3  
UMNL SOK 20-14 .0125 PTPPHBZ



TE Part # 926882-3  
UMNL SOK PTPPHBZ



TE Part # 926882-1  
UMNL SOK 20-14 PTPBR



TE Part # 350536-3  
UMNL SOK 20-14 .0125 PTPPHBZ



TE Part # 881109-1  
U-M-N-L SPLIT PIN



TE Part # 350536-1  
UMNL SOK 20-14 .0126 PTPBR



TE Part # 350537-1  
UMNL SOK 20-14 .0126 PTPBR




TE Part # 881109-3  
U-M-N-L SPLIT PIN




TE Part # 2825072-1  
UMNL PIN 24-18 .0126 PTPBR


## Also in the Series | Universal MATE-N-LOK




Circular Power Connectors(2)



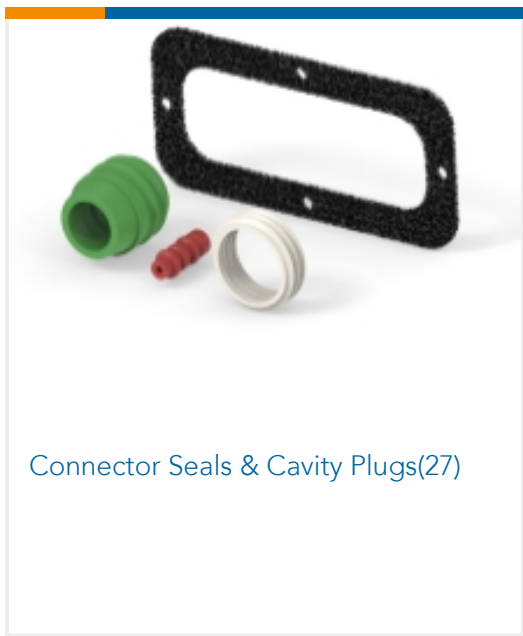
Connector Caps & Covers(34)



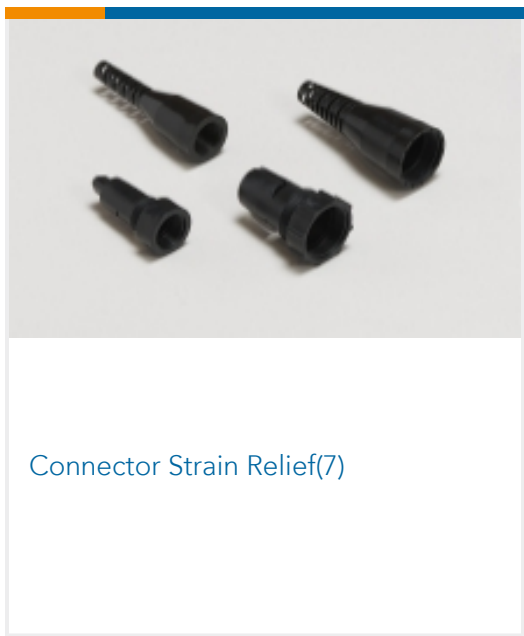
Connector Contacts(209)



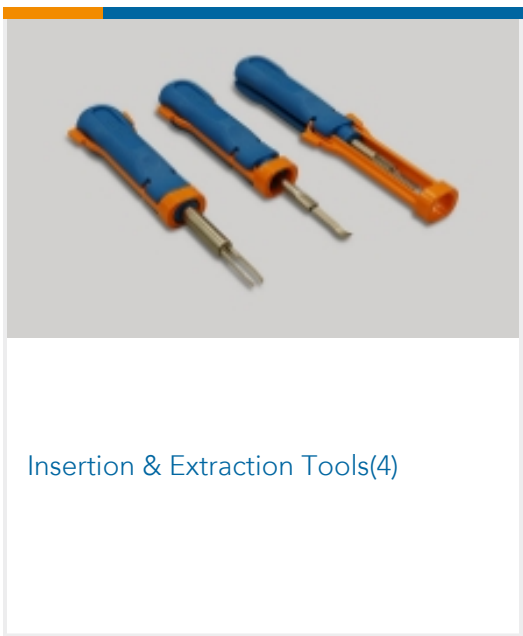
Connector Hardware(12)



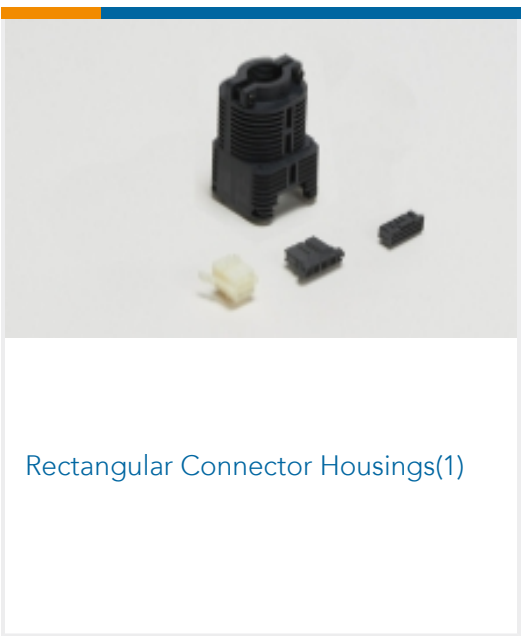
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



Rectangular Connector Housings(1)



Rectangular Power Connectors(672)

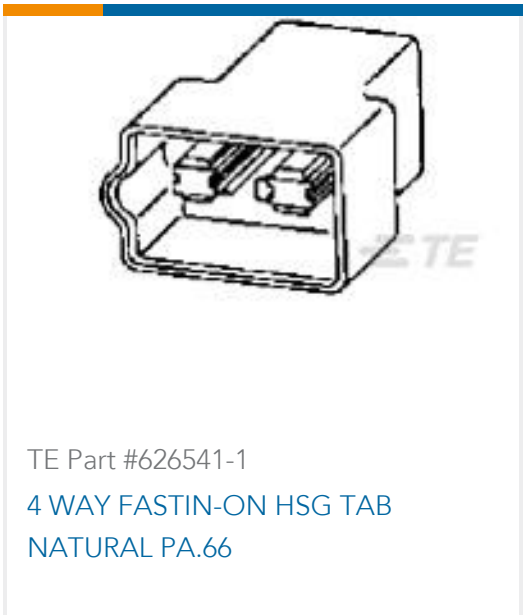
## Customers Also Bought



TE Part #3-640599-4  
04P MTA156 CONN ASSY 18AWG  
ORA



TE Part #1-480701-0  
03P UMNL CAP HSG NATL



TE Part #626541-1  
4 WAY FASTIN-ON HSG TAB  
NATURAL PA.66



TE Part #626328-2  
FF 250 RECEPTACLE 4.0-6.0 MM2  
TPBR



TE Part #880636-2  
FF 250 TAB 1.0-2.5 MM2 0.39 X 13.2  
TPBR



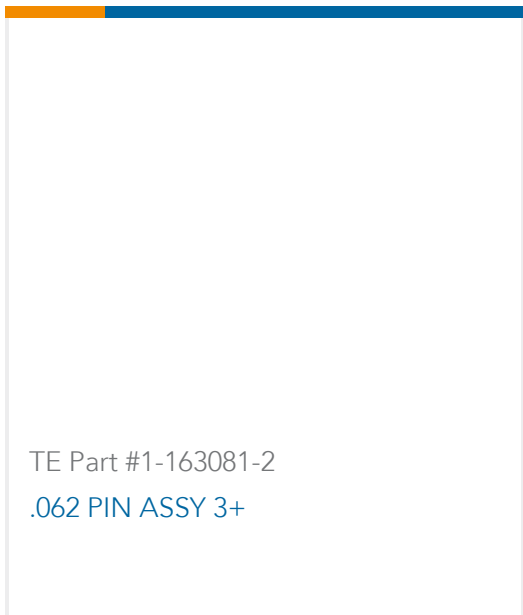
TE Part #735222-1  
FF 250 REC 1.0-2.5 MM2 0.32X19.30 BR



TE Part #735222-2  
FF 250 REC 1.0-2.5 MM2 0.32X 19.30  
BR



TE Part #735212-2  
FF 250 REC 22-17AWG TPBR



TE Part #1-163081-2  
.062 PIN ASSY 3+

## Documents



**Product Drawings**

**U-M-N-L SOCKET**

English

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**CAD Files**

**3D PDF**

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_881111-1\\_H.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_881111-1\\_H.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_881111-1\\_H.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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**Datasheets & Catalog Pages**

[2\\_PIECE\\_POWER\\_CONNECTORS\\_qrg\\_4-1773458-1](#)

English

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**Product Specifications**

**Application Specification**

English