

794412-1 ✓ ACTIVE

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

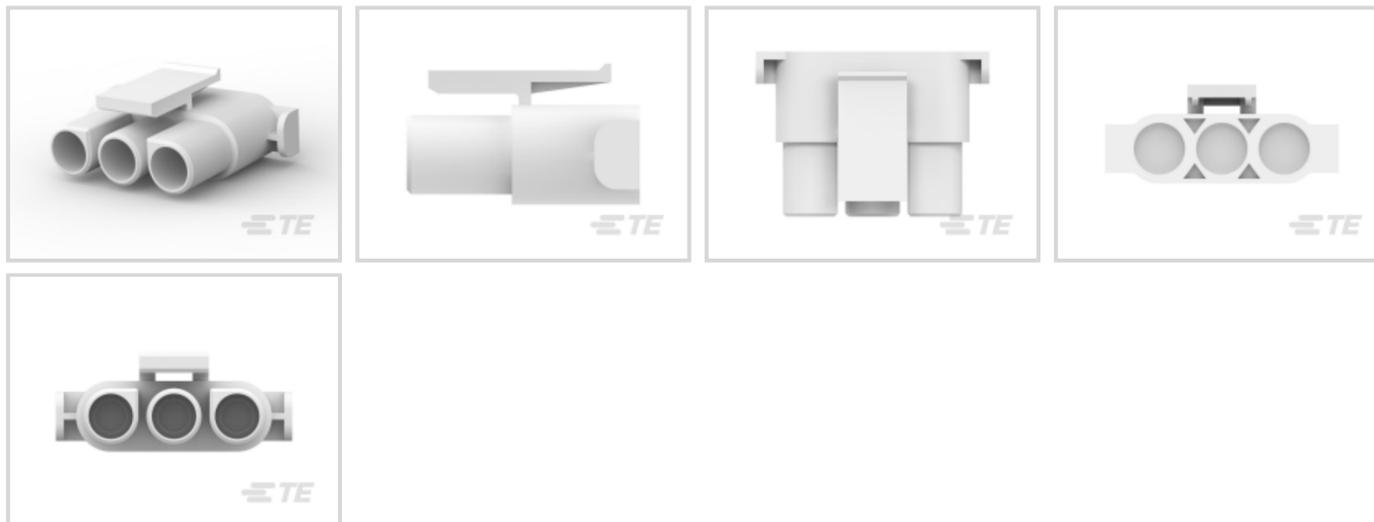
TE Internal #: 794412-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 3
Position, 9.91 mm [.39 in] Centerline, Wire & Cable, UL 94V-2,
Commercial MATE-N-LOK

[View on TE.com >](#)



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Wire**

Number of Positions: **3**

Centerline (Pitch): **9.91 mm [.39 in]**

Features

Product Type Features

| | |
|-----------------------------------|--------------|
| Rectangular Power Connector Type | Housing |
| Connector & Housing Type | Plug |
| Connector System | Wire-to-Wire |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 3 |
| Number of Rows | 1 |

Electrical Characteristics

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

Contact Features

| | |
|----------------------------------|---------|
| Contact Layout | Inline |
| Contact Retention Within Housing | Without |
| Contact Type | Socket |



Termination Features

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

Mechanical Attachment

| | |
|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
|-------------------------|-------------|

Housing Features

| | |
|--------------------|------------------|
| Centerline (Pitch) | 9.91 mm [.39 in] |
|--------------------|------------------|

| | |
|---------------|---------|
| Housing Color | Natural |
|---------------|---------|

| | |
|------------------|-------|
| Housing Material | Nylon |
|------------------|-------|

Dimensions

1.02 in

Usage Conditions

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

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-2 |
|------------------------|----------|

| | |
|------------------|-------------------------------|
| Glow Wire Rating | Standard Part - Not Glow Wire |
|------------------|-------------------------------|

Packaging Features

| | |
|--------------------|---|
| Packaging Quantity | 1 |
|--------------------|---|

| | |
|------------------|---------|
| Packaging Method | Package |
|------------------|---------|

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 2024 (240) Candidate List Declared Against: JAN 2021 (211) 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

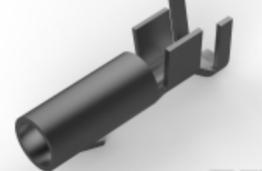
Product Compliance Disclaimer

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>

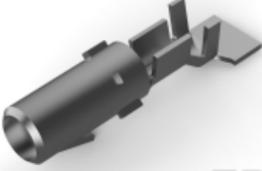
Compatible Parts



TE Part # 794413-1
03P .156 MNL CAP HSG



TE Part # 61233-1
.156 MNL SOK 12-10 PTPBR



TE Part # 61085-1
.156 MNL SOK PTPBR



TE Part # 61250-1
AUTO MNL .156 SOK L/P

Also in the Series | Commercial MATE-N-LOK



Connector Caps & Covers(2)



Connector Contacts(150)



Connector Seals & Cavity Plugs(1)



Crimp Wire Pins, Tabs & Ferrules(2)



Insertion & Extraction Tools(3)



Rectangular Connector Housings(9)



Rectangular Power Connectors(167)



Standard Circular Connectors(2)



Standard Rectangular Connectors(7)

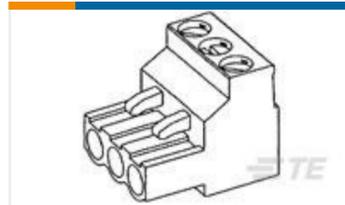
Customers Also Bought



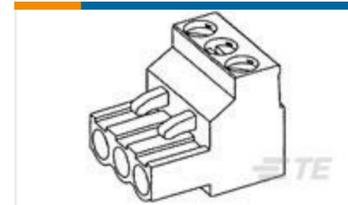
TE Part # 1827571-2
DYNAMIC D1000 REC CONT L AU 0.38
um FORM



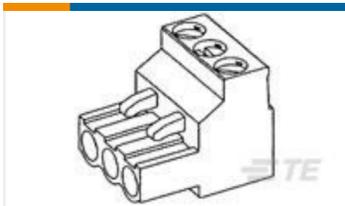
TE Part # 1658543-1
SOCKET CONT DUPL PLT LP HD-20



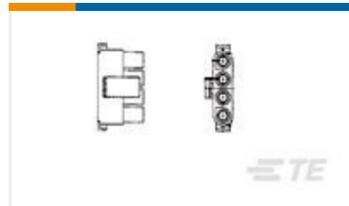
TE Part # 796634-9
9 POS 5.08MM R/A PLUG,TRM BLK



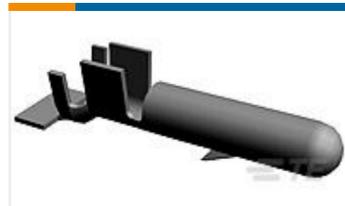
TE Part # 796634-8
8 POS 5.08MM R/A PLUG,TRM BLK



TE Part # 796634-6
6 POS 5.08MM R/A PLUG,TRM BLK



TE Part # 794116-1
04P .156 MNL PLUG



TE Part # 61234-1
.156 MNL PIN 12-10 PTPBR



TE Part # 61233-1
.156 MNL SOK 12-10 PTPBR



TE Part # 60851-1
250 FASTON REC 12-10 AWG TPBR

Documents

Product Drawings

[03P .156 MNL PLUG HSG](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_794412-1_A.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_794412-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794412-1_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_794412-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_794412-1_O.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_794412-1_O.2d_dxf.zip](#)

English

3D PDF

English

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

Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

English