

794096-1 ✓ ACTIVE

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

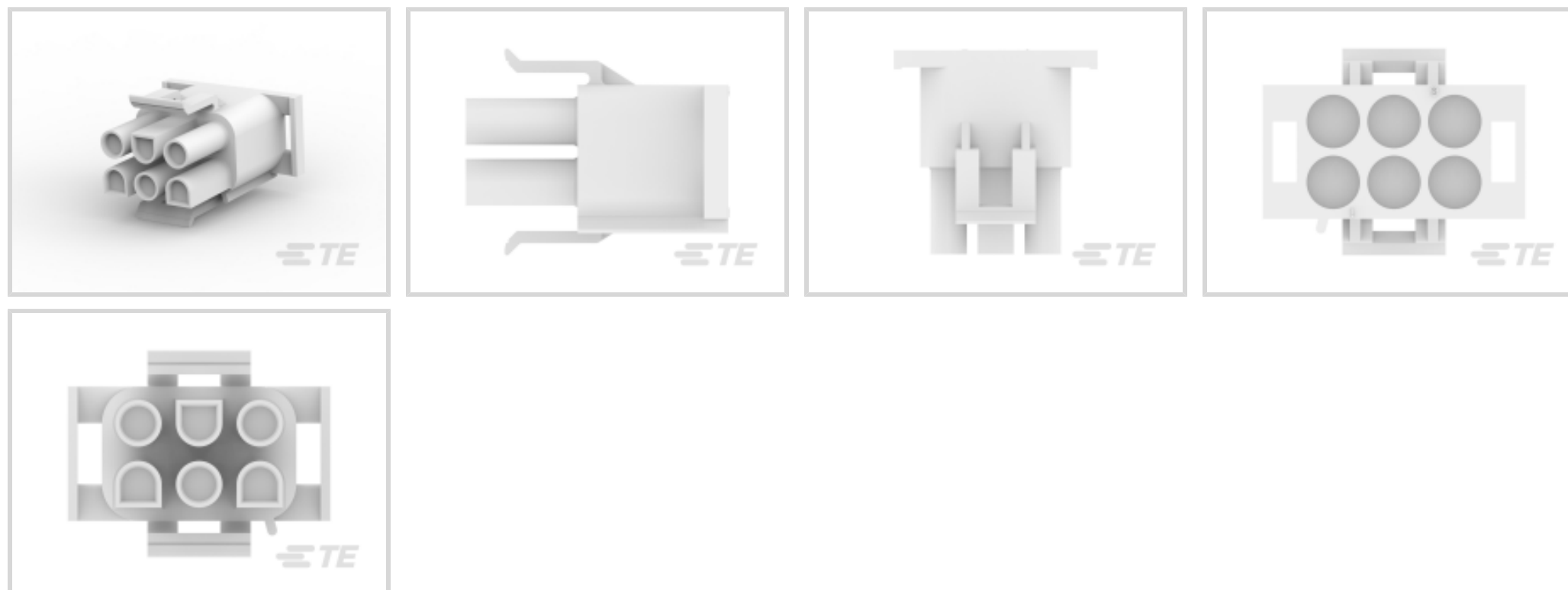
TE Internal #: 794096-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Board /
Wire-to-Wire, 6 Position, .25 in [6.35 mm] Centerline, Wire & Cable,
Universal 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-Board, Wire-to-Wire**

Number of Positions: **6**

Centerline (Pitch): **6.35 mm [.25 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Layout	Matrix
Multiple Contact Types	Without
Contact Retention Within Housing	Without



Contact Type	Socket
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	Without
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	6.35 mm [.25 in]
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Housing Color	Natural
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Housing Material	Nylon
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Dimensions

Row-to-Row Spacing	6.35 mm [.25 in]
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	1.08 in
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Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application

Assembly Integration Feature	Without
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Circuit Application	Power & Signal
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Industry Standards

CSA Rating	Certified
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UL Flammability Rating	UL 94V-2
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Glow Wire Rating	Standard Part - Not Glow Wire
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Agency/Standard Number	E28476
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Agency/Standard	CSA, UL
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UL Rating	Recognized
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CSA File Number	LR7189
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VDE Tested	Yes
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Packaging Features

Packaging Method	Package
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Packaging Quantity	1
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Other

For Use With

Appropriate Universal MATE-N-LOK Cap or Header

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 2022 (224)
 Candidate List Declared Against: JUNE 2022 (224)
 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

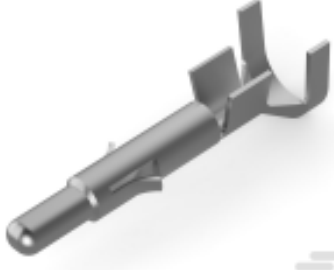
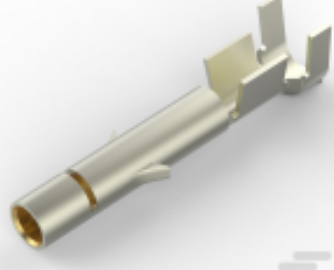

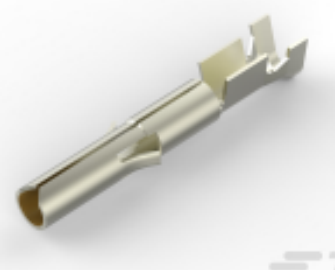
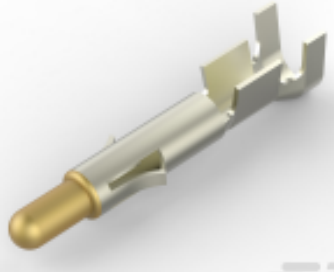
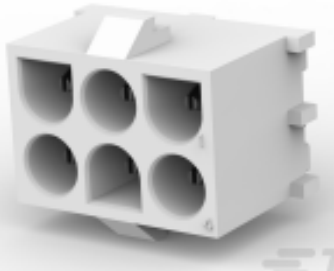
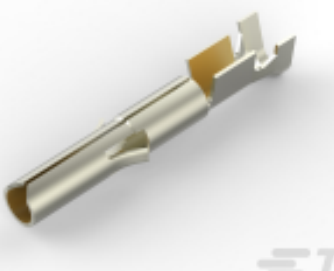


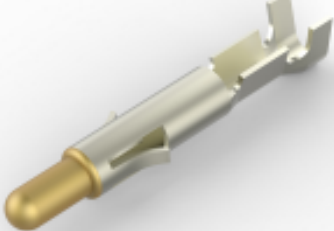

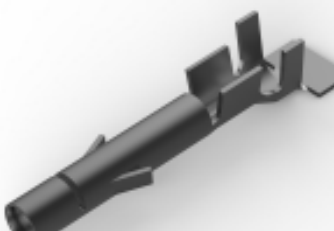
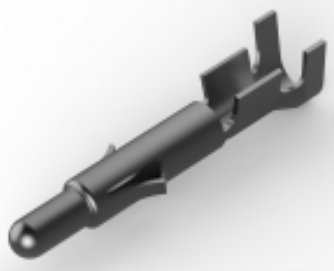
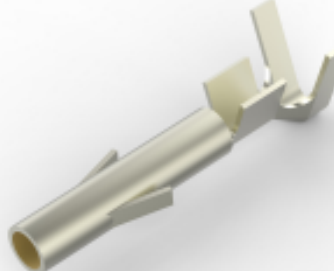
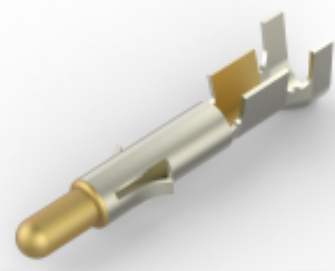
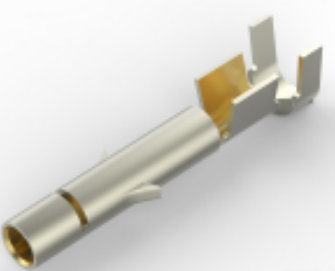
Product Compliance Disclaimer

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>


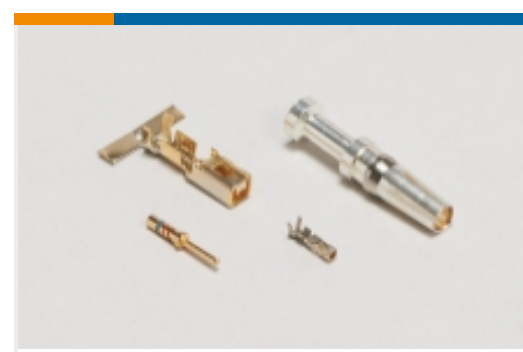

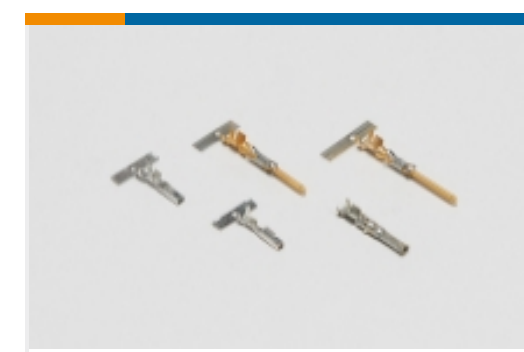
Compatible Parts

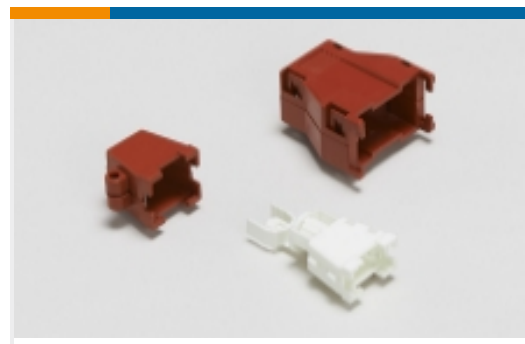




 <p>TE Part # 926902-3 UNIV-MNL SPLIT ST</p>	 <p>TE Part # 350550-7 UMNL SOK 20-14 AU/BR L/P</p>	 <p>TE Part # 350690-3 UMNL PIN 24-18 PTPPHBZ L/P</p>	 <p>TE Part # 350689-7 UMNL SOK 24-18 AUBR L/P</p>
 <p>TE Part # 350547-7 UMNL PIN 20-14 AUBR L/P</p>	 <p>TE Part # 350585-1 06P UMNL PIN HDR ASSY V2 NATL</p>	 <p>TE Part # 350689-2 UMNL SOK 24-18 AUBR L/P</p>	 <p>TE Part # 640310-3 UMNL SOK 12-10 PTPPHBZ</p>
 <p>TE Part # 350689-3 UMNL SOK 24-18 PTPPHBZ L/P</p>	 <p>TE Part # 350690-7 UMNL PIN 24-18 AUBR L/P</p>	 <p>TE Part # 350689-1 UMNL SOK 24-18 PTPBR L/P</p>	 <p>TE Part # 926893-3 UNIV.M-N-L.SOCKET</p>
 <p>TE Part # 350547-3 UMNL PIN 20-14 PTPPHBZ L/P</p>	 <p>TE Part # 350551-7 UMNL SOK 20-14 AU/BR L/P</p>	 <p>TE Part # 350547-2 UMNL PIN 20-14 AUBR L/P</p>	 <p>TE Part # 350550-2 UMNL SOK 20-14 AU/BR L/P</p>

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

 <p>Circular Power Connectors(2)</p>	 <p>Connector Contacts(11)</p>	 <p>Insertion & Extraction Tools(4)</p>	 <p>Power Contacts(207)</p>
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Rectangular Boots & Strain Relief(35)



Rectangular Connector Adapters(7)



Rectangular Connector Hardware(1)



Rectangular Connector Housings(2)



Rectangular Connector Keying Plugs(3)



Rectangular Connector Locking(4)

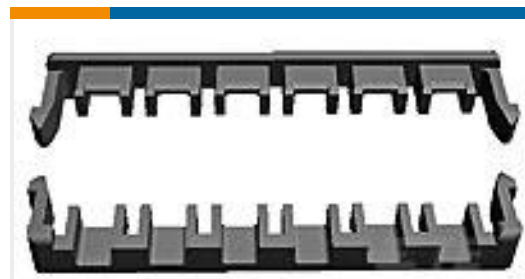


Rectangular Connector Seals(26)

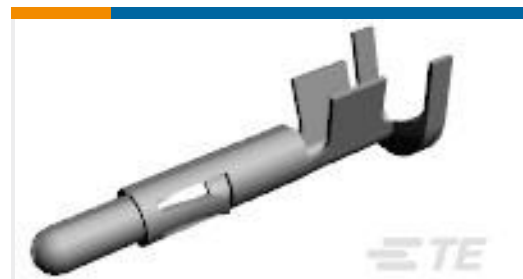


Rectangular Power Connectors(729)

Customers Also Bought



TE Part #1376397-1
5MM POWER KEY D/L PLATE GREEN



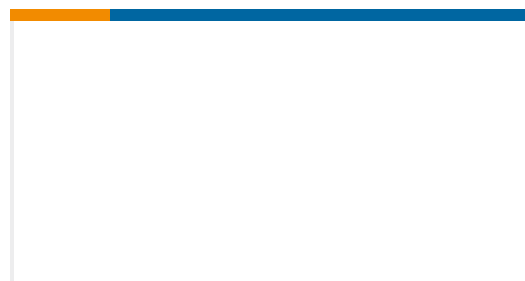
TE Part #350873-1
UMNL PIN 18-14 .0126 PTPBR



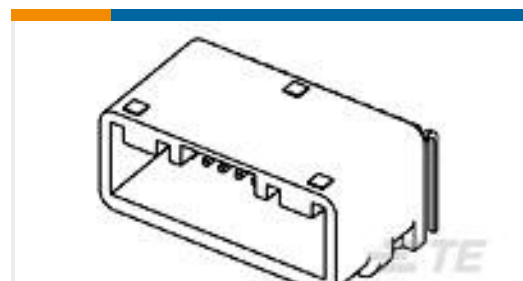
TE Part #42800-1
187 FASTON REC 20-16 AWG BR



TE Part #770336-1
04P .093 COMM P&S PLUG .250CL



TE Part #794993-1
06P UMNL BLACK INTERFACE SEAL



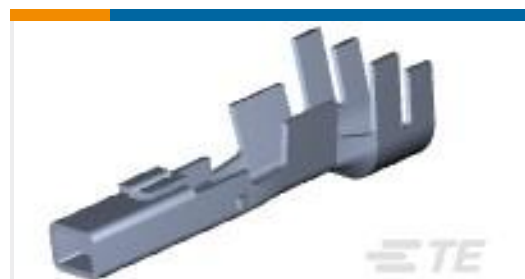
TE Part #1376357-8
025/090 26POS CAP ASSY H
SELECTIVE-TIN



TE Part #1969443-2
EP 2.5 TPA Retainer, 2 Pos



TE Part #1977104-2
STV04=4 POS SIP SWITCH



TE Part #1743729-1
FG TERMINAL

Documents



Product Drawings

06P UMNL PLUG

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_794096-1_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794096-1_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794096-1_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_794096-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_794096-1_O.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_794096-1_O.2d_dxf.zip](#)

English

3D PDF

English

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English