

1-172169-9 ✓ ACTIVE

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

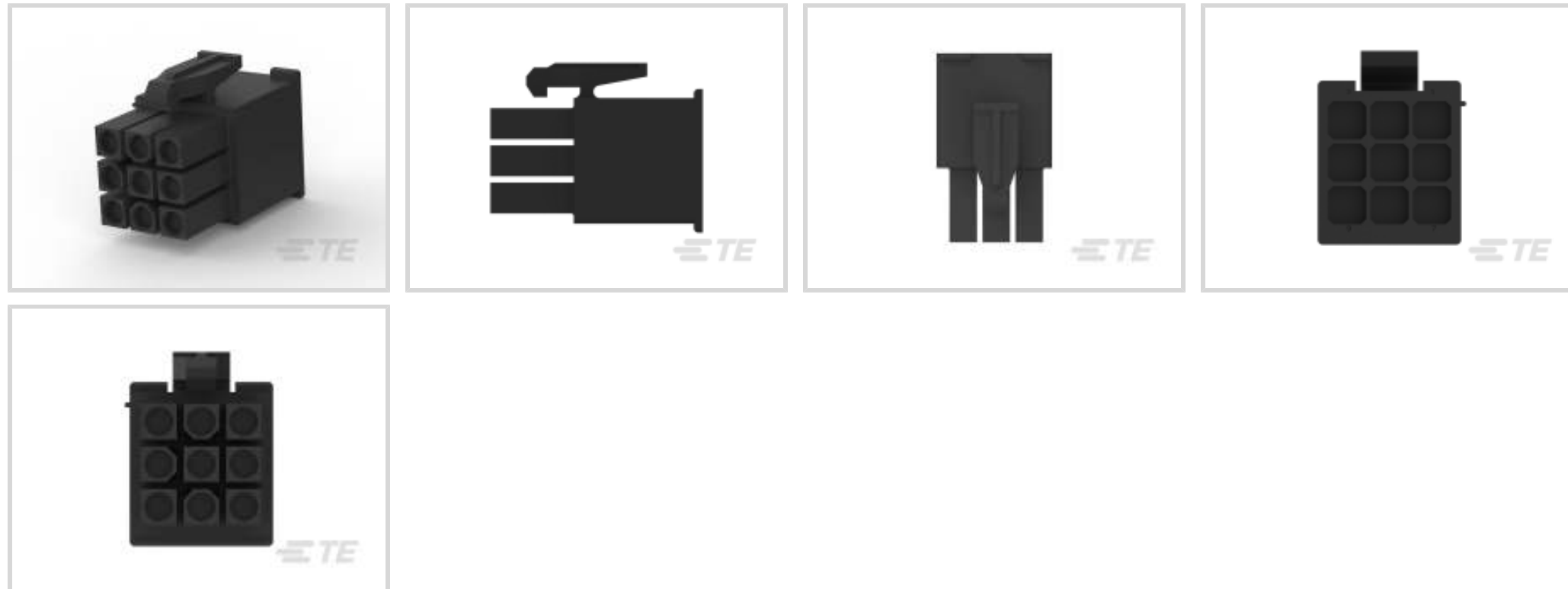
TE Internal #: 1-172169-9

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 9
Position, 4.2 mm [.165 in] Centerline, Wire & Cable, UL 94V-0, Mini-
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-Wire**

Number of Positions: **9**

Centerline (Pitch): **4.2 mm [.165 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	9
Number of Rows	3

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Multiple Contact Types	Without
Contact Layout	Matrix
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)	4.2 mm [.165 in]
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Housing Color	Black
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Housing Material	Nylon 66
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Dimensions

Row-to-Row Spacing	4.2 mm [.165 in]
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Usage Conditions

Operating Temperature Range	-20 – 105 °C [-4 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Identification Marking

Circuit Identification Feature	With
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Industry Standards

CSA Rating	Certified, LR 7189
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UL Rating	Recognized
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Agency/Standard	CSA, UL
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Approved Standards	UL E28476
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UL Flammability Rating	UL 94V-0
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Glow Wire Rating	Standard Part - Not Glow Wire
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Packaging Features

Packaging Quantity	500
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Packaging Method	Bag
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Product Compliance

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



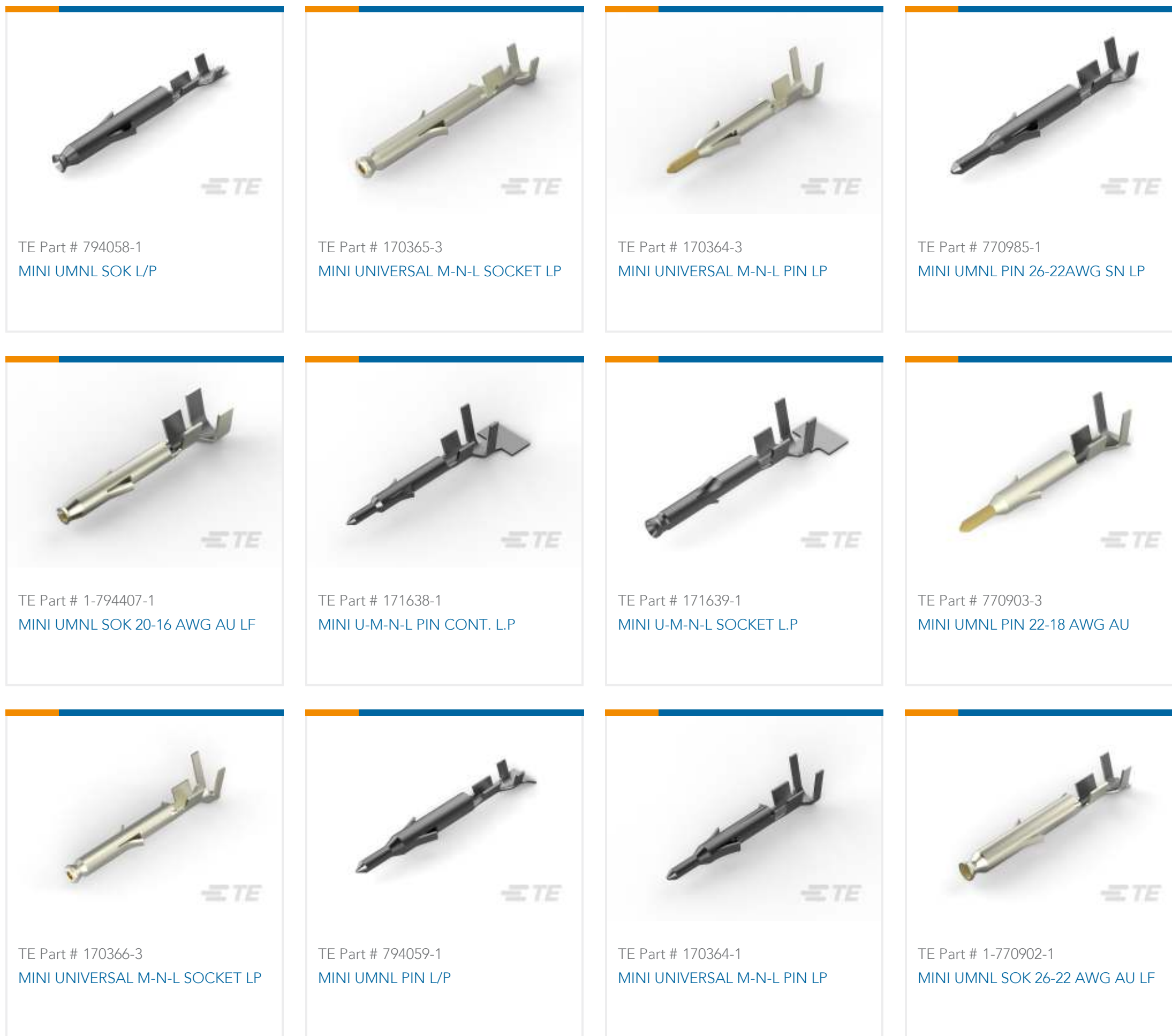
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not 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

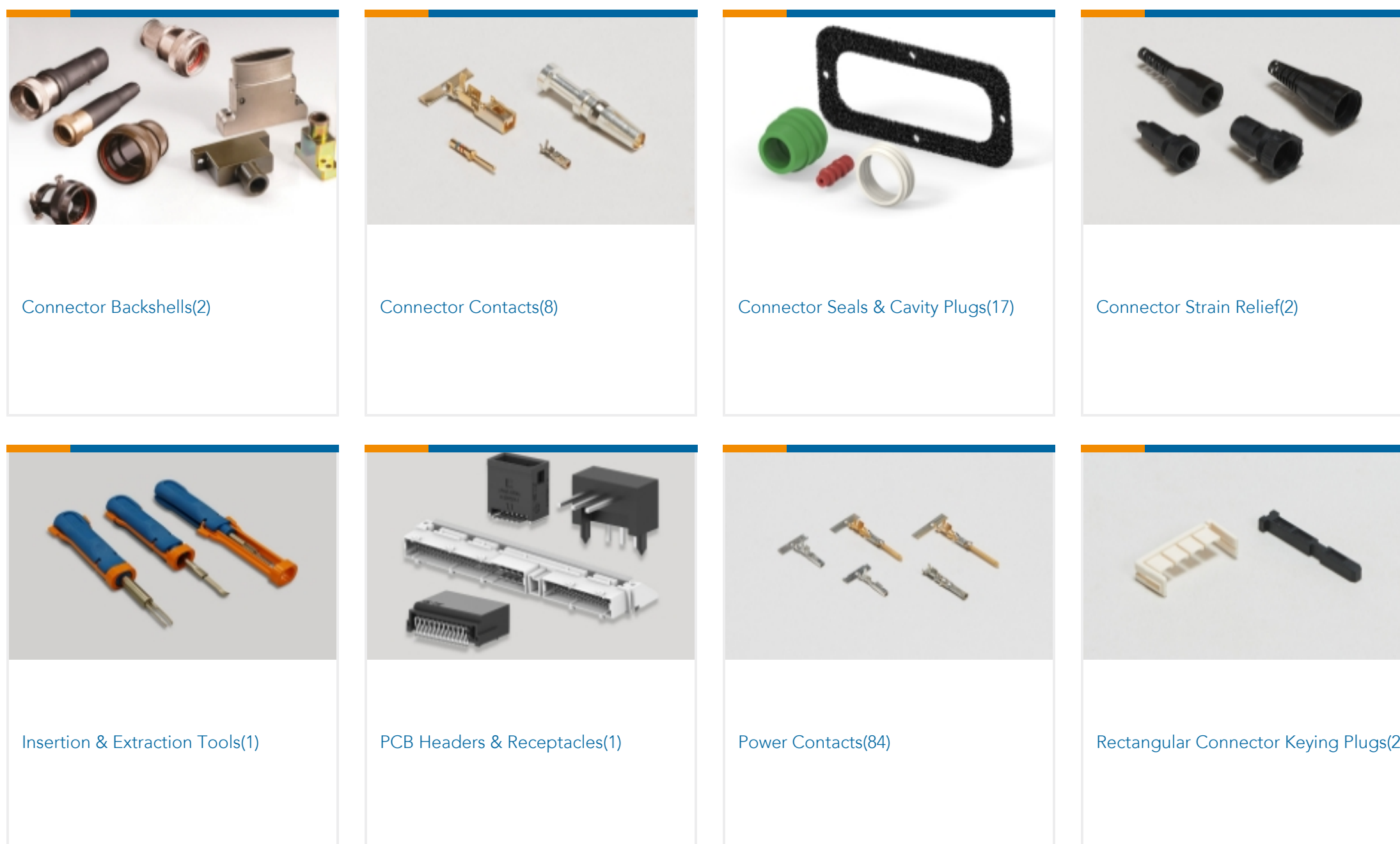
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-770988-1 MINI UMNL SOK 22-18AWG LP LF	 TE Part # 1-770985-0 MINI UMNL PIN 26-22AWG AU LP	 TE Part # 1-770987-0 MINI UMNL PIN 22-18 AWG AU LP	 TE Part # 770988-3 MINI UMNL SOK 22-18AWG AU LP
 TE Part # 1-770988-0 MINI UMNL SOK 22-18AWG AU	 TE Part # 1-794059-0 MINI UMNL PIN L/P LF	 TE Part # 770988-1 MINI UMNL SOK 22-18AWG SN LP	 TE Part # 770986-1 MINI UMNL SOK 26-22AWG SN LP



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



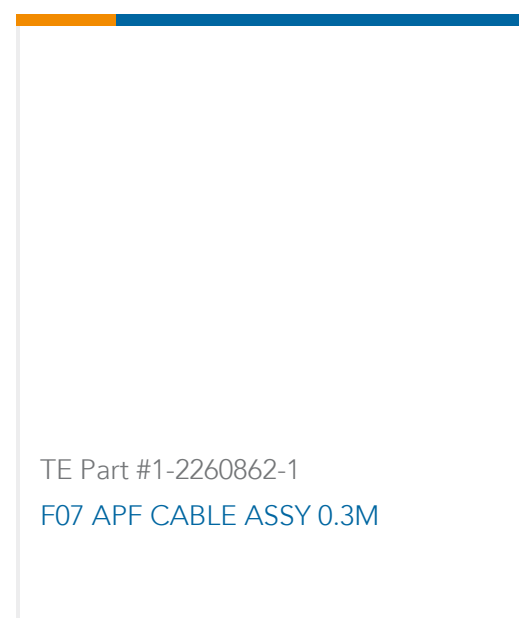
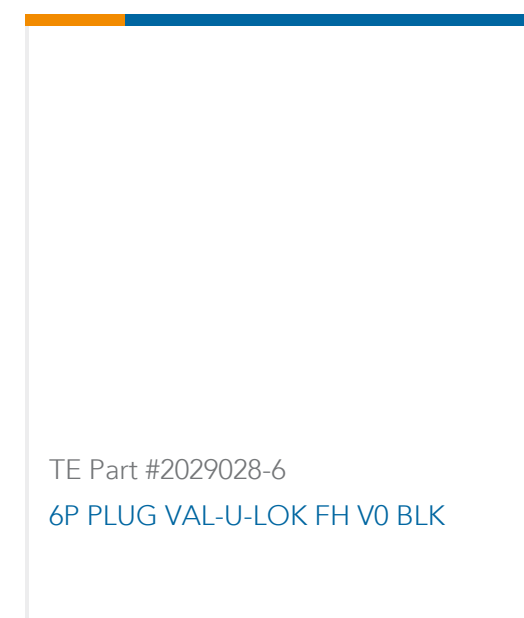


Rectangular Connector Locking(2)



Rectangular Power Connectors(244)

Customers Also Bought

TE Part #926883-3
UNIV.M-N-L.PINTE Part #770834-1
MINI UMNL SOCKET SNTE Part #5-2271101-1
SCSI .050 REC ASS'Y 50P PB-FREETE Part #2-2271101-1
SCSI .050 REC ASS'Y 20P PB-FRETE Part #1-2260862-0
F07 APF CABLE ASSY 0.15MTE Part #2260862-1
F07 APF CABLE ASSY 0.5MTE Part #1-2260862-1
F07 APF CABLE ASSY 0.3MTE Part #2029028-6
6P PLUG VAL-U-LOK FH V0 BLK

Documents

Product Drawings

9 POS TR MINI UNIV

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-172169-9_L.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-172169-9_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-172169-9_L.3d_stp.zip](#)

English

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Product Specifications

Engineering Report

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (U.S.)

English