

770586-1 ✓ ACTIVE

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

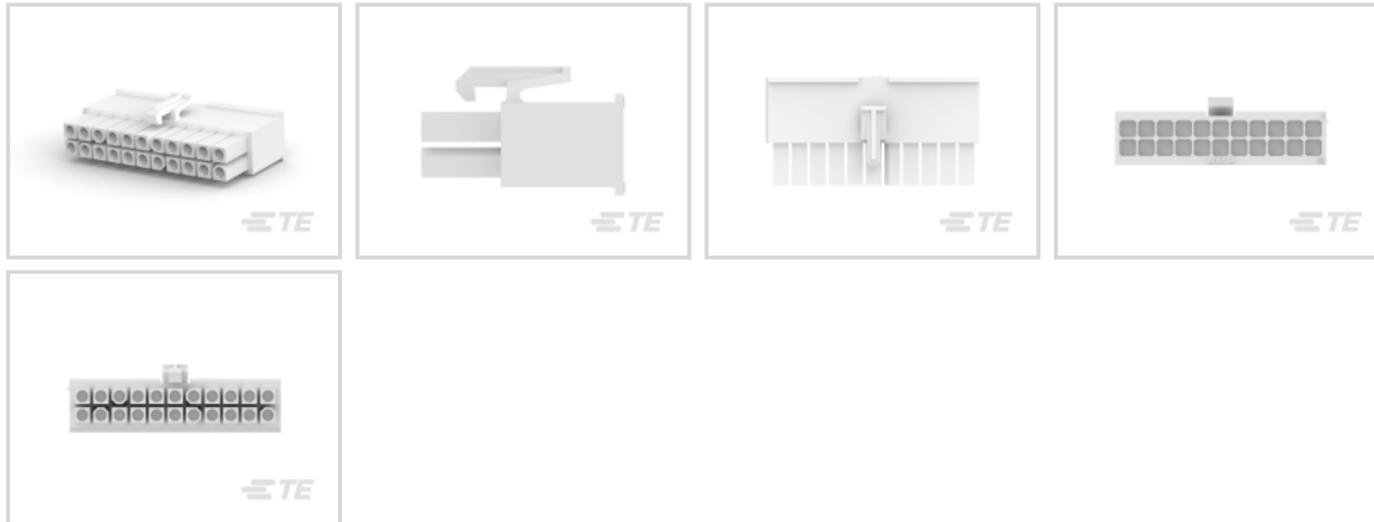
TE Internal #: 770586-1

22 Position, Plug, Housing, Crimp, Wire-to-Wire, UL 94V-0, 4.14 mm
[.162 in] Centerline, 2 Row, 600 VAC, Wire & Cable, Mini-Universal
MATE-N-LOK

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Termination Method to Wire & Cable: **Crimp**

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

Contact Retention Within Housing: **Without**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	22
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VDC
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Body Features

Primary Product Color	White
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Contact Features

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Multiple Contact Types	Without
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Contact Retention Within Housing	Without
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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)	4.14 mm [.162 in]
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Housing Material	Nylon
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Dimensions

Row-to-Row Spacing	4.14 mm [.162 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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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
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UL Rating	Recognized
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Compatible With Approved Standards Products	UL E28476
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CSA Rating	Certified, LR 7189
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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	1
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Packaging Method	Package
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

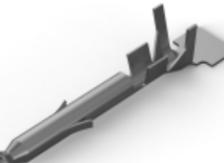
Product Compliance Disclaimer

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>

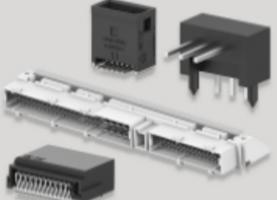
Compatible Parts

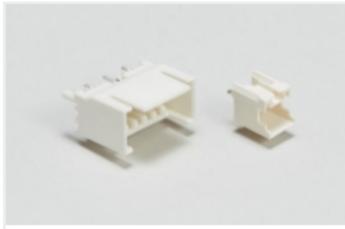
TE Part # 794407-7 MINI UNML SCKT CONT STRIP SN	TE Part # 770904-5 MINI UMNL SOK CONT 22-18 AWG	TE Part # 770902-2 MINI UMNL SOK 26-22 AWG UNPLTD	TE Part # 794407-2 MINI UNML SCKT 20-16AWG UNPLTD
TE Part # 8-170362-1 AUNIV M-N-L SOC. 22-18 AWG	TE Part # 8-170361-1 UNIV M-N-L SOC. 26-22 AWG	TE Part # 794407-9 MINI UNML SCKT CONT STRIP AU	 TE Part # 1-770904-1 MINI UMNL SOK 22-18AWG AU LF



 <p>TE Part # 794058-1 MINI UMNL SOK L/P</p>	 <p>TE Part # 770834-3 MINI UMNL SOCKET AU</p>	 <p>TE Part # 770902-4 MINI UMNL SOCK 26-22 AWG SN</p>	 <p>TE Part # 1-770902-1 MINI UMNL SOK 26-22 AWG AU LF</p>
 <p>TE Part # 1-794071-0 22P MINI UMNL HDR W/DH SN LF</p>	 <p>TE Part # 1-794071-1 22P MINI UMNL HDR W/DH AU LF</p>	 <p>TE Part # 1-794407-1 MINI UMNL SOK 20-16 AWG AU LF</p>	 <p>TE Part # 170362-3 MINI UNIVERSAL M-N-L SOCKET</p>
 <p>TE Part # 794407-4 MINI UNML SCKT 20-16 AWG SN</p>	 <p>TE Part # 1-770834-0 MINI UMNL SOK AU LF</p>	 <p>TE Part # 170366-4 MINI UNIVERSAL M-N-L SOCKET LP</p>	 <p>TE Part # 770904-1 MINI UMNL SOK 22-18 AWG SN</p>

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

 <p>Connector Caps & Covers(2)</p>	 <p>Connector Contacts(89)</p>	 <p>Connector Seals & Cavity Plugs(17)</p>	 <p>Connector Strain Relief(2)</p>
 <p>Insertion & Extraction Tools(1)</p>	 <p>PCB Headers & Receptacles(93)</p>	 <p>Power Contacts(89)</p>	 <p>Rectangular Power Connectors(196)</p>

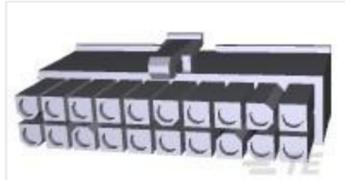


Wire-to-Board Headers & Receptacles (93)

Customers Also Bought



TE Part #207442-1
18 POS SQ GRID METRIMATE-PLUG



TE Part #770585-1
20P MINI UMNL PLUG HSG



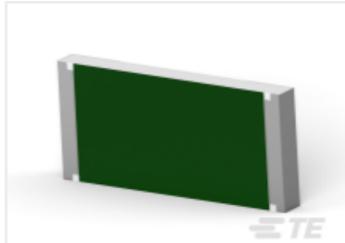
TE Part #1-794107-0
22P MINI UMNL R/A HDR ASSY LF



TE Part #1-794108-0
24P MINI UMNL R/A HDR ASSY SN



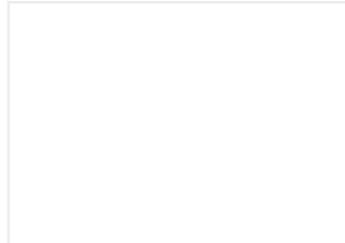
TE Part #2141360-2
HANDHOLD,CRIMP BUSHING



TE Part #1-2176405-6
3550 4K7 5%



TE Part #2397144-1
LIDAR MATENET,PLUG,SIDE LATCH, COD A



TE Part #2430299-1
SAIC PAB SQUIB AK2 90D CABLE ASSY



TE Part #2430299-2
SAIC PAB SQUIB AK2 90D CABLE ASSY



TE Part #2434450-2
REC CONN CVR,5POS,HYBRID

Documents

Product Drawings

[22P MINI UMNL PLUG HSG](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_770586-1_M.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_770586-1_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770586-1_M.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#)

English

[mini-universal-mate-n-lok-connectors](#)

English

Product Specifications

[Engineering Report](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[Agency Approval Document](#)

English