

350789-3 ✓ ACTIVE

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

TE Internal #: 350789-3

PCB Mount Header, Vertical, Wire-to-Board, 3 Position, 6.35 mm [.25 in] Centerline, Fully Shrouded, Gold (Au), Universal MATE-N-LOK

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **3**

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

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Columns	3
Number of Loaded Positions	3
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	3
Number of Rows	1



Number of Power Positions	3
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Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	White
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Contact Features

Contact Underplating Material	Nickel
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Mating Pin Diameter	2.2 mm[.087 in]
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Contact Underplating Material Thickness	1.27 – 1.79 μm [50 – 70 μin]
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PCB Contact Termination Area Plating Material Finish	Matte
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Contact Size	2.2mm
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PCB Contact Termination Area Plating Material Thickness	3.81 – 5.08 μm [150 – 200 μin]
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Contact Shape & Form	Round
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Contact Layout	Inline
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Contact Base Material	Phosphor Bronze
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Contact Mating Area Plating Material	Gold (Au)
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Contact Mating Area Plating Material Thickness	.76 – .91 μm [30 – 36 μin]
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Contact Type	Pin
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Contact Current Rating (Max)	12 A
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PCB Contact Termination Area Plating Material	Tin
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Termination Features

Termination Post & Tail Diameter	1.57 mm[.062 in]
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Termination Post & Tail Length	3.56 mm[.14 in]
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Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Panel Mount Feature	Without
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Mating Retention Type	Locking Tab
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Mating Alignment Type	Polarization
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PCB Mount Alignment	Without
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Mating Retention	With
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PCB Mount Retention	Without
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Connector Mounting Type	Board Mount
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Mating Alignment With

Housing Features

Mating Entry Location	Top
Centerline (Pitch)	6.35 mm [.25 in]
Housing Material	Nylon

Dimensions

Connector Width	7.62 mm [.3 in]
PCB Thickness (Recommended)	1.57 mm [.062 in]
Connector Height	13.97 mm [.55 in]
Connector Length	20.32 mm [.8 in]
Profile Height from PCB	14.73 mm [.58 in]

Usage Conditions

Operating Temperature (Max)	105 °C [221 °F]
Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL, VDE
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	100
Packaging Method	Bag

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	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

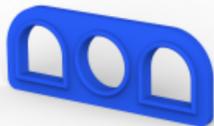
Solder Process Capability

Wave solder capable to 265°C

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>

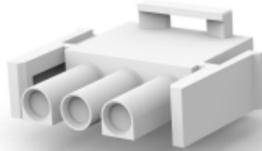
Compatible Parts



TE Part # 794271-1
03P UMNL INTERFACE SEAL



TE Part # 770018-1
03P UMNL II IN-LINE PLUG HSG KIT



TE Part # 350766-1
03P UMNL PLUG HSG



TE Part # 641763-1
03P UMNL STR/REL V2 NATL



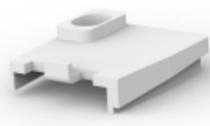
TE Part # 794992-1
03P UMNL BLACK INTERFACE SEAL



TE Part # 794272-1
03P UMNL WIRE SEAL



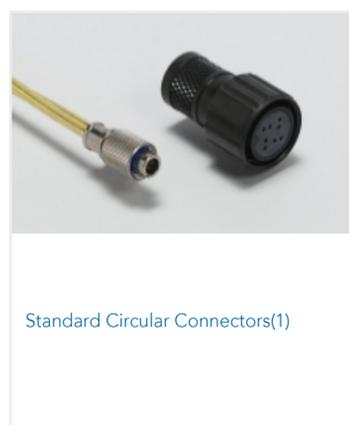
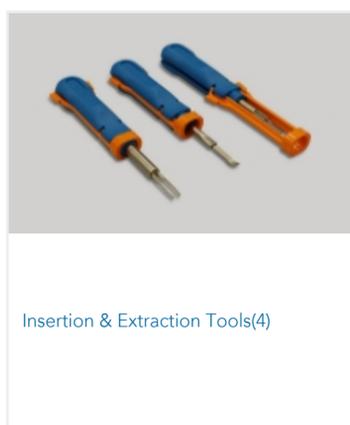
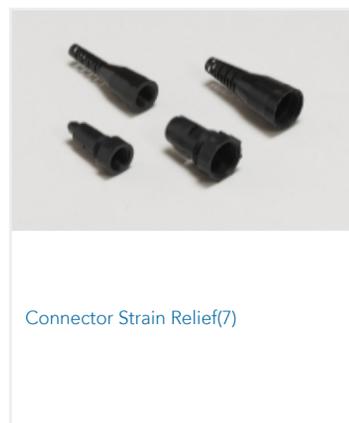
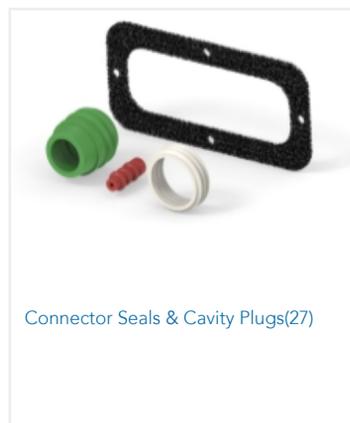
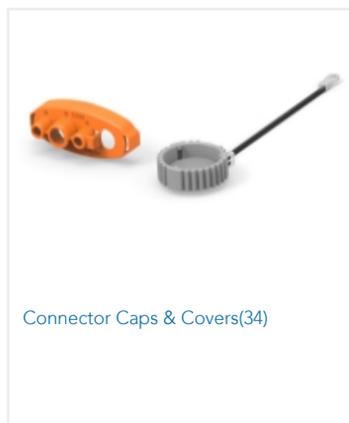
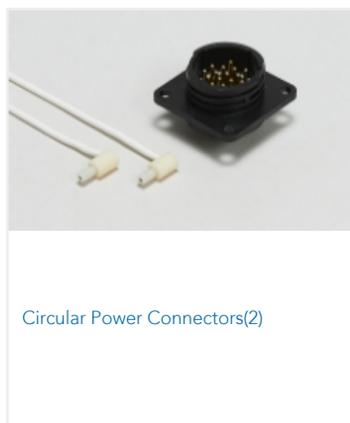
TE Part # 641966-3
03P UMNL PIN HDR ASSY 94VO, AU



TE Part # 640714-1
03P UMNL STR/REL



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



Customers Also Bought



TE Part #AS216-08PN-CLNUT
RECEPT.BOX



TE Part #640900-3
03P UMNL PIN HDR ASSY 94VO LF



TE Part #3-1825010-8
ASE62G04=6PDT AUTOSLIDE



TE Part #CAT-C339-SM1
SMD Power Resistor: 7 Watt, 200-2M
Ohm



TE Part #5-1879021-9
SMW3 27R 5%



TE Part #7-1879224-6
CPF 0603 21K5 0.1% 25PPM 1K RL



TE Part #2176071-5
3521 200K 1% 2W

Documents

Product Drawings

[03P UMNL PIN HDR ASSY 94VO](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_350789-3_W.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350789-3_W.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350789-3_W.3d_stp.zip](#)

English

[3D PDF](#)

English

Customer View Model

[ENG_CVM_350789-3_R1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_350789-3_R1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_350789-3_R1.3d_stp.zip](#)

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

Agency Approvals

[UL](#)

English