

3-350945-0 ✓ ACTIVE

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

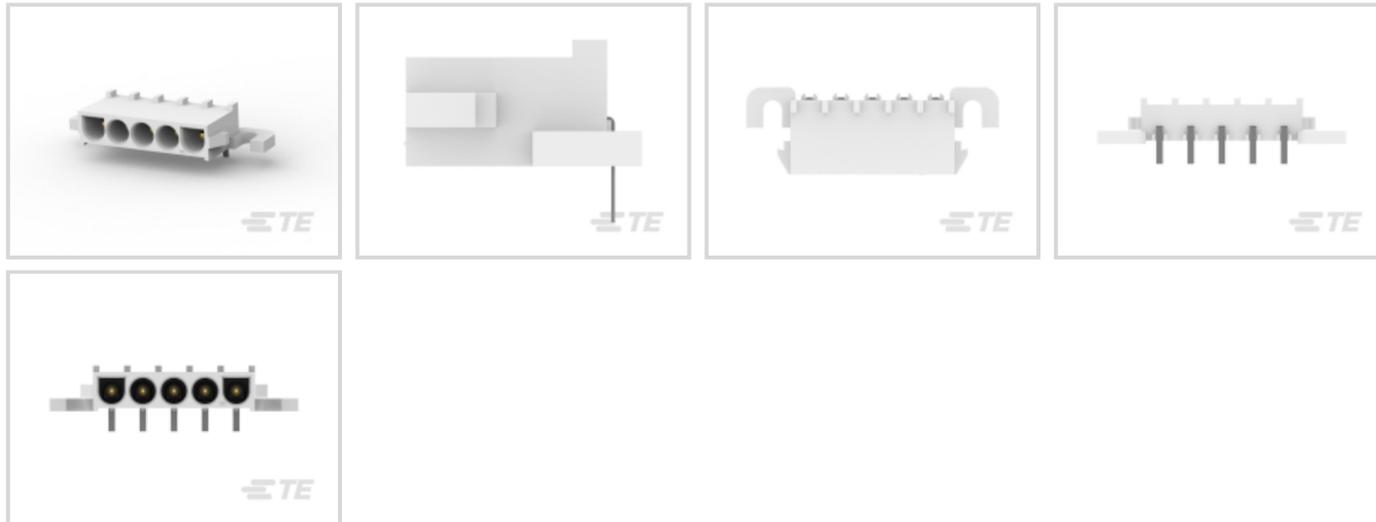
TE Internal #: 3-350945-0

PCB Mount Header, Right Angle, Wire-to-Board, 5 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: **Right Angle**

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

Number of Positions: **5**

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	5
Number of Loaded Positions	5
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	5



Number of Rows	1
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Number of Power Positions	5
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Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Underplating Material	Nickel
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Mating Pin Diameter	2.18 mm [.085 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	2.175mm
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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 Length	4.06 mm [.16 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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PCB Mount Retention Type	Mounting Ears
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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	With
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Connector Mounting Type	Board Mount
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Mating Alignment	With
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Housing Features

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

Connector Width	17.27 mm [.68 in]
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PCB Thickness (Recommended)	1.57 mm [.062 in]
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Connector Height	9.14 mm [.36 in]
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Connector Length	50.67 mm [1.995 in]
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Usage Conditions

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

Circuit Application	Power
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Industry Standards

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

Packaging Quantity	140
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Packaging Method	Box
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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
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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 # 926306-5
UMNL 5 WAY CAP HSG

TE Part # 1-350589-0
STR/REL CLAMP NATL

TE Part # 350809-1
05P UMNL PLUG HSG

TE Part # 643030-1
05P UMNL STR/REL

TE Part # 643030-2
05P UMNL STR/REL V2 NATL

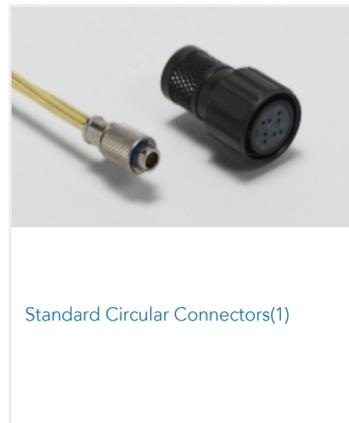
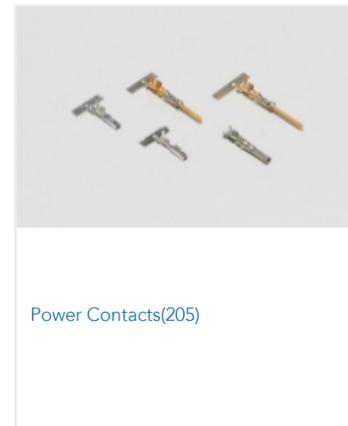
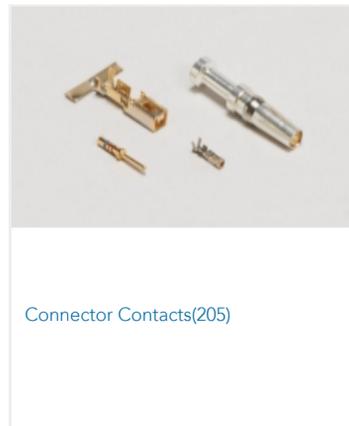
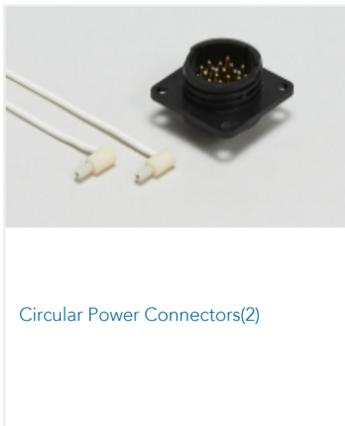
TE Part # 643030-4
05P UMNL STR/REL

TE Part # 350811-1
STR/REL CLAMP

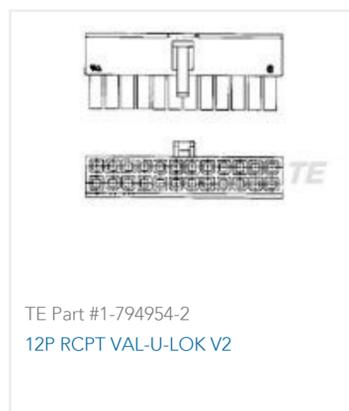
TE Part # 350848-5
05P UMNL PLUG TEST ASSY 94VO



Also in the Series | Universal MATE-N-LOK



Customers Also Bought





Documents

Product Drawings

[05P UMNL HDR ASSY R/A 94VO LF](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_3-350945-0_L.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_3-350945-0_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_3-350945-0_L.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