

350763-4 ✓ ACTIVE

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

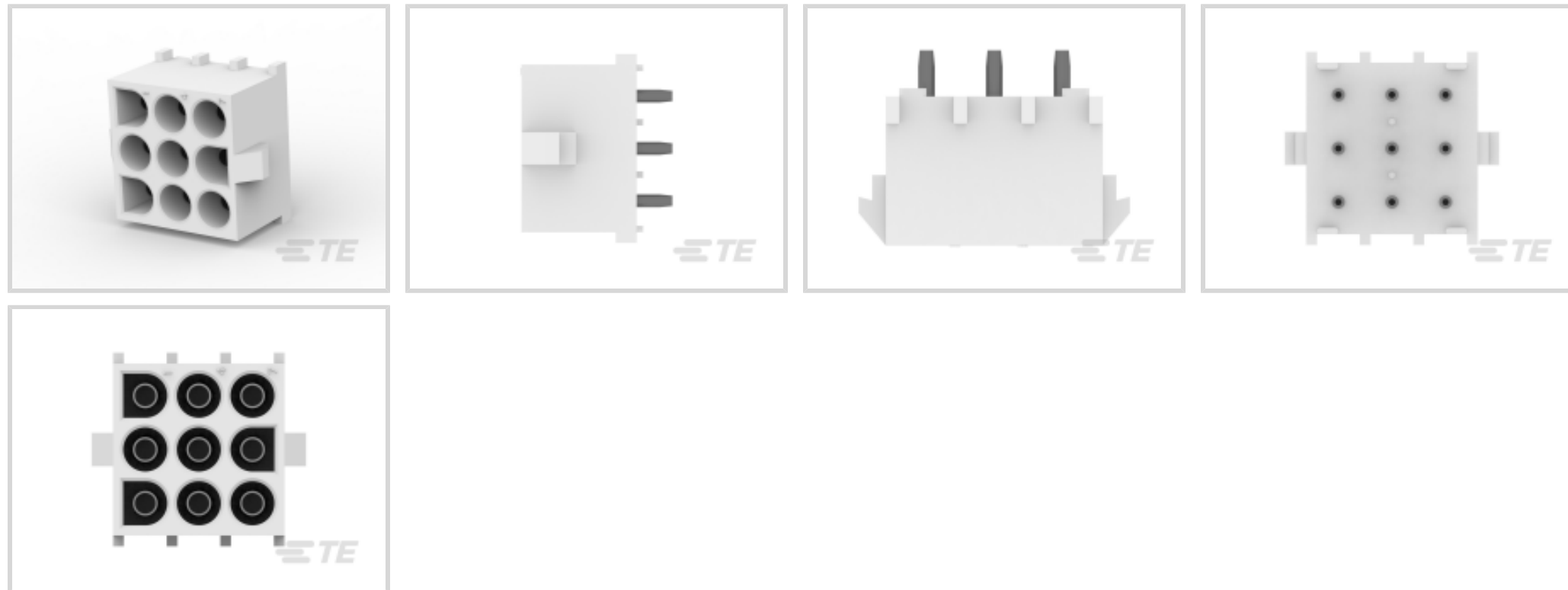
TE Internal #: 350763-4

PCB Mount Header, Vertical, Wire-to-Board, 9 Position, 6.35 mm [.25 in] Centerline, Fully Shrouded, Pre-Tin, Universal MATE-N-LOK

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

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

Configuration Features

Number of Columns	3
Number of Loaded Positions	9
Number of Power Positions	9



Connector Contact Load Condition	Fully Loaded
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PCB Mount Orientation	Vertical
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Number of Positions	9
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Number of Rows	3
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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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Contact Underplating Material Thickness	1.27 – 1.79 μm [50 – 70 μin]
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Contact Size	2.95mm
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Contact Mating Area Plating Material Thickness	3.81 – 5.08 μm [150 – 200 μin]
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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	Matrix
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Contact Base Material	Phosphor Bronze
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PCB Contact Termination Area Plating Material	Pre-Tin
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Contact Mating Area Plating Material	Pre-Tin
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Contact Type	Socket
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Contact Current Rating (Max)	12 A
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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 Retention	With
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Mating Alignment Type	Polarization
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PCB Mount Retention	Without
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PCB Mount Alignment	Without
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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	Top
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Housing Material	Nylon
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Centerline (Pitch)	6.35 mm [.25 in]
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Dimensions

Row-to-Row Spacing	6.35 mm [.25 in]
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Connector Width	20.32 mm [.8 in]
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PCB Thickness (Recommended)	1.57 mm [.062 in]
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Connector Height	13.97 mm [.55 in]
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Connector Length	20.32 mm [.8 in]
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Profile Height from PCB	14.73 mm [.58 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

Shielded	No
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Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	UL, VDE, CSA
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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-2
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Packaging Features

Packaging Quantity	100
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Packaging Method	Bag
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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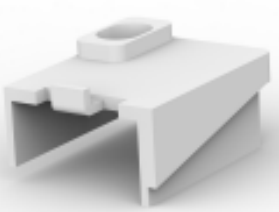

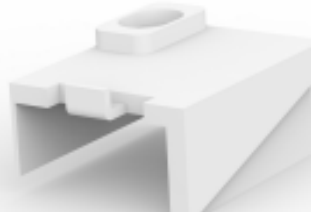






EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	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

 <p>TE Part # 350812-1 STR/REL CLAMP UMNL</p>	 <p>TE Part # 1-640722-0 09P UMNL STR/REL & INSRT NATL</p>	 <p>TE Part # 794277-1 09P UMNL INTERFACE SEAL</p>	 <p>TE Part # 640716-1 09P UMNL STR/REL & INSRT</p>
 <p>TE Part # 927231-3 HONHUS UMNL V0 9-P</p>	 <p>TE Part # 1-350590-0 STR/REL CLAMP NATL</p>	 <p>TE Part # 927231-5 UNML CAP HSG 9WAY</p>	 <p>TE Part # 794994-1 09P UMNL BLACK INTERFACE SEAL</p>




TE Part # 1-480706-0
09P UMNL PLUG HSG NATL



TE Part # 794278-1
09P UMNL WIRE SEAL



TE Part # 1969817-1
09P UMNL SKT HDR ASSY, SCKT V0 GW



TE Part # 1586853-1
09P UMNL CAP HSG, GW



TE Part # 1586879-1
09P UMNL SKT HDR ASSY, GW



TE Part # 643254-1
09P UMNL ASSY MOD HSG VO



TE Part # 794538-1
09P UMNL CAP HSG 150C BLK



TE Part # 1969882-1
09P UMNL CAP HSG, P/M, GW V0

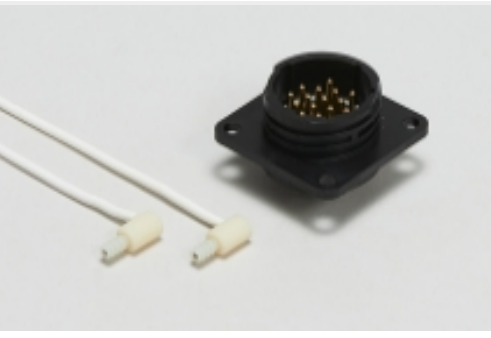


TE Part # 2029299-1
9 POS UMNL CAP W/LARGE FLANGE-V0




TE Part # 2029315-1
09P UMNL CAP HSG 150C-RED


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



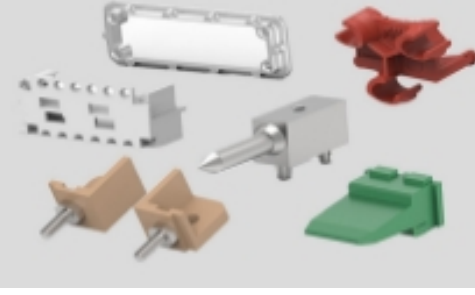
Circular Power Connectors(2)




Connector Caps & Covers(34)




Connector Contacts(209)




Connector Hardware(12)



Connector Seals & Cavity Plugs(27)



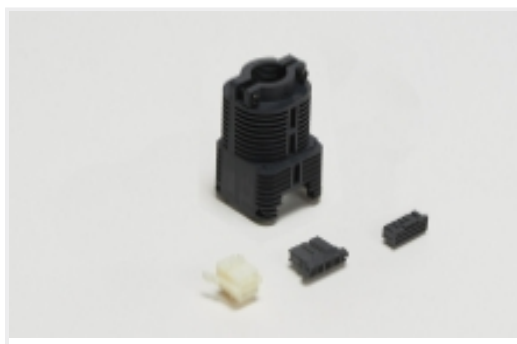
Connector Strain Relief(7)



Insertion & Extraction Tools(4)



PCB Headers & Receptacles(284)



Rectangular Connector Housings(1)



Rectangular Power Connectors(370)



Standard Circular Connectors(1)

Customers Also Bought



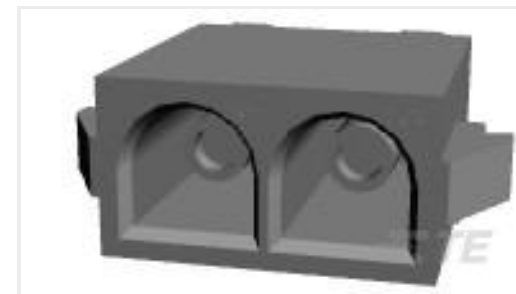
TE Part #350430-1
04P UMNL PIN HDR ASSY NATL



TE Part #350432-1
09P UMNL PIN HDR ASSY NATL



TE Part #640467-1
05P UMNL HDR ASSY



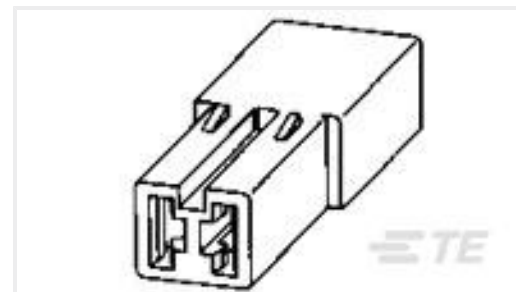
TE Part #350759-4
02P UMNL HDR ASSY PC V2 NATL



TE Part #350760-4
03P UMNL HDR ASSY PC



TE Part #350431-1
06P UMNL PIN HDR ASSY V2 NAT



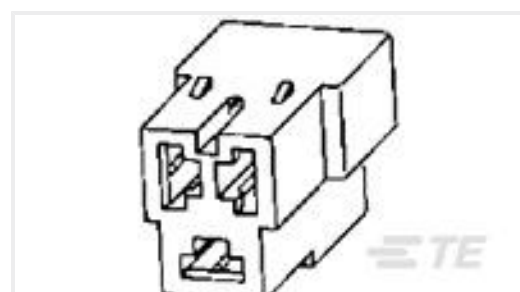
TE Part #180923-5
FF 250 REC HSG 2P NYLON BLACK



TE Part #350761-4
04P UMNL HDR ASSY PC



TE Part #9-103329-0
40 MODII HDR SRRA B/A .100 CL LF



TE Part #180941-5
FF 250 REC HSG 3P NYLON BLACK

Documents

Product Drawings

[09P UMNL HDR ASSY PC](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_350763-4_R.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_350763-4_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350763-4_R.3d_stp.zip](#)

English

3D PDF

English

Customer View Model

[ENG_CVM_350763-4_L.3d_igs.zip](#)

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Customer View Model

[ENG_CVM_350763-4_L.3d_stp.zip](#)

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Customer View Model

[ENG_CVM_350763-4_L.2d_dxf.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English

Agency Approvals

[UL](#)

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