



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **10**

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	10
Number of Loaded Positions	10
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	10
Number of Rows	1



Number of Power Positions	10
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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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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	Pre-Tin
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Contact Mating Area Plating Material Thickness	3.81 – 5.08 μm [150 – 200 μin]
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Contact Type	Socket
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Contact Current Rating (Max)	12 A
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PCB Contact Termination Area Plating Material	Pre-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
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Housing Features



Mating Entry Location	Top
Centerline (Pitch)	6.35 mm [.25 in]
Housing Material	PA 6.6

Dimensions

Connector Width	7.62 mm [.3 in]
PCB Thickness (Recommended)	1.57 mm [.062 in]
Connector Height	13.97 mm [.55 in]
Profile Height from PCB	14.73 mm [.58 in]
Connector Length	64.77 mm [2.55 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	GWT 750°C (Without Flame)
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	500
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 240°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 # 350829-1
12P UMNL HDR ASSY PC 94VO



TE Part # 350833-4
04P UMNL HDR ASSY PC 94VO LF



TE Part # 826851-3
8P UN-MNL BU SOCK



TE Part # 2178622-1
UMNL 10WAY CAP HOUSING



TE Part # 350832-4
03P UMNL HDR ASSY PC 94VO LF



TE Part # 350825-1
03P UMNL HDR ASSY PC 94VO



TE Part # 350826-1
04P UMNL HDR ASSY PC 94VO



TE Part # 350833-1
04P UMNL HDR ASSY PC 94VO



TE Part # 350828-1
09P UMNL HDR ASSY PC 94VO



TE Part # 350834-1
06P UMNL HDR ASSY PC 94VO



TE Part # 640900-1
05P UMNL PIN HDR ASSY 94VO

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



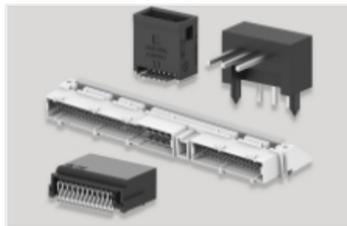
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



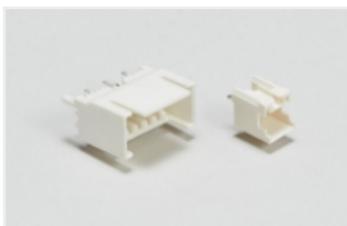
PCB Headers & Receptacles(285)



Rectangular Power Connectors(644)



Standard Circular Connectors(1)



Wire-to-Board Headers & Receptacles (285)

Customers Also Bought



TE Part #640445-9
09P MTA156 HDR ASSY FL/STR SN



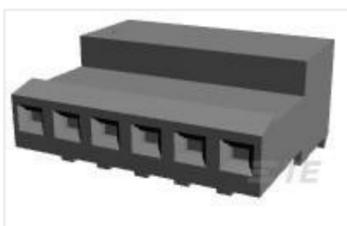
TE Part #1-640445-1
11P MTA156 HDR ASSY FL/STR SN



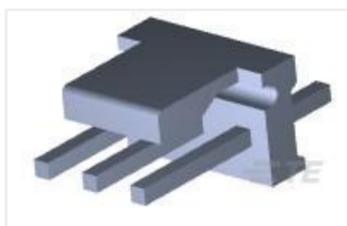
TE Part #640467-1
05P UMNL HDR ASSY



TE Part #640901-1
05P UMNL SOK HDR ASSY 94VO



TE Part #3-643498-6
06P MTA100 CONN ASSY LF



TE Part #644752-3
03P MTA156 HDR ASSY SQ STR F/L



TE Part #644752-6
06P MTA156 HDR ASSY SQ STR F/L



TE Part #644752-9
09P MTA156 HDR ASSY SQ STR F/L



Documents

Product Drawings

[10P UN-MNL BU SOCK](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_826852-3_M.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_826852-3_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_826852-3_M.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL](#)

English