



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**
PCB Mount Orientation: **Vertical**
Connector System: **Wire-to-Board**
Number of Positions: **10**
Number of Rows: **1**

Features

Electrical Characteristics

Operating Voltage	600 VAC
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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	64.77 mm[2.55 in]
Profile Height from PCB	14.73 mm[.58 in]

Packaging Features

Packaging Quantity	500
Packaging Method	Bag

Industry Standards

Compatible With Agency/Standards Products	UL, VDE, CSA
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476



Glow Wire Rating	GWT 750°C (Without Flame)
UL Flammability Rating	UL 94V-0

Usage Conditions

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

Mechanical Attachment

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

Termination Features

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

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 – 1.79 µm[50 – 70 µin]
Contact Size	2.95mm
Contact Mating Area Plating Material Thickness	3.81 – 5.08 µm[150 – 200 µin]
PCB Contact Termination Area Plating Material Thickness	3.81 – 5.08 µm[150 – 200 µin]
Contact Shape & Form	Round
Contact Layout	Inline
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material	Pre-Tin
Contact Type	Socket
Contact Current Rating (Max)	12 A

Housing Features

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

Configuration Features

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

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

Body Features

Primary Product Color	Natural
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Operation/Application

Circuit Application	Power
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	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 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

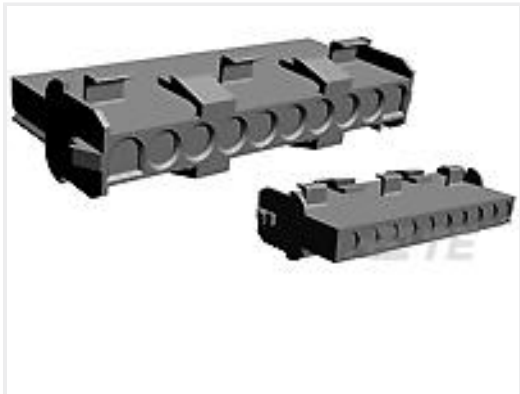
 TE Part # 350829-1 12P UMNL HDR ASSY PC 94VO	 TE Part # 350833-4 04P UMNL HDR ASSY PC 94VO LF	 TE Part # 826851-3 8P UN-MNL BU SOCK	 TE Part # 350828-1 09P UMNL HDR ASSY PC 94VO
 TE Part # 640900-1 05P UMNL PIN HDR ASSY 94VO	 TE Part # 350825-1 03P UMNL HDR ASSY PC 94VO	 TE Part # 350826-1 04P UMNL HDR ASSY PC 94VO	 TE Part # 350833-1 04P UMNL HDR ASSY PC 94VO



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



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



TE Part # 2178622-1
UMNL 10WAY CAP HOUSING

Also in the Series | Universal MATE-N-LOK



Connector Caps & Covers(34)



Connector Contacts(209)



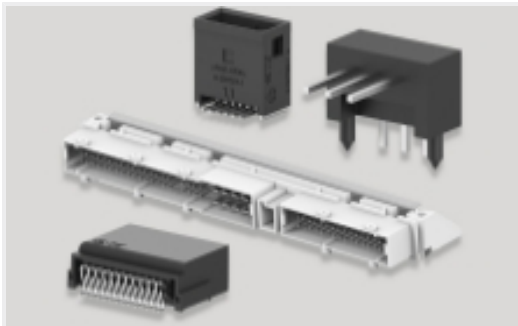
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



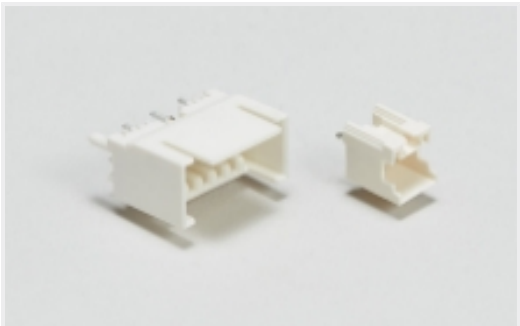
Insertion & Extraction Tools(4)



PCB Headers & Receptacles(284)



Power Contacts(209)

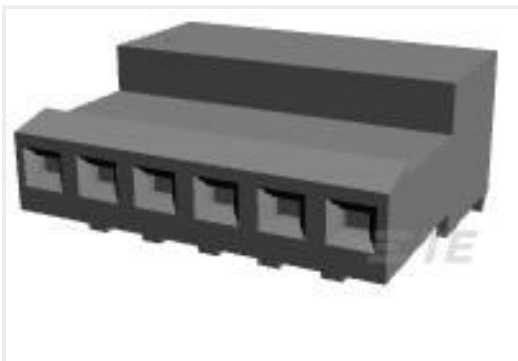


Wire-to-Board Headers & Receptacles (284)

Customers Also Bought



TE Part #CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS



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



TE Part #194010-1
PIN ASSY..070



TE Part #644752-8
08P MTA156 HDR ASSY SQ STR F/L



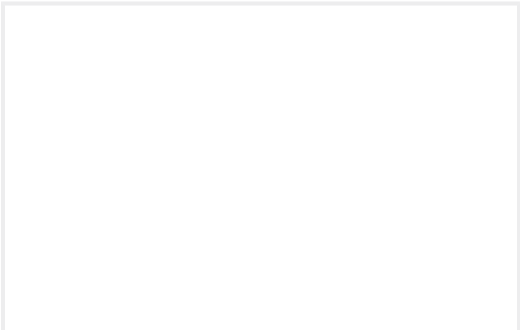
TE Part #641831-1
06P UMNL PIN HDR ASSY 94VO



TE Part #9-1768016-8
EB1119



TE Part #1766693-1
CONN,PIN,RT<,SLDR,MINIPAK



TE Part #6489170-2
CONN SEC II 30 POS 100C/L, S/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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Agency Approvals

UL

English