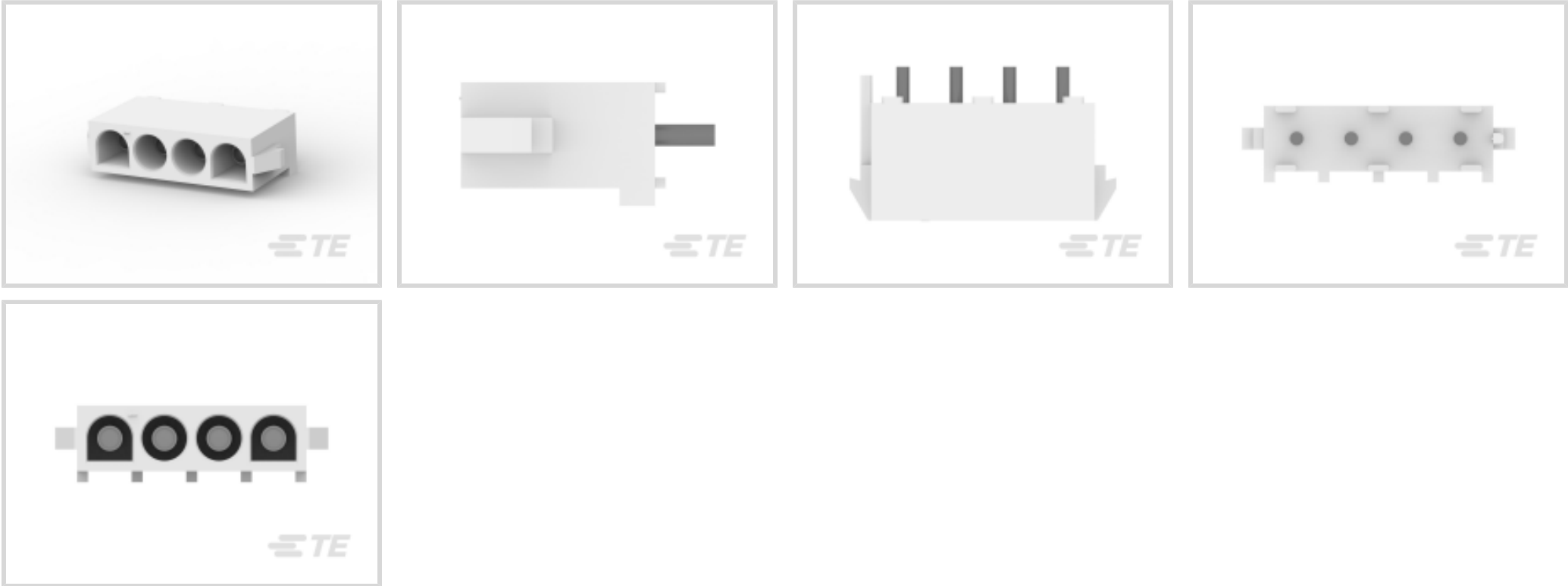




Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **4**

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	26.67 mm[1.05 in]
Profile Height from PCB	14.73 mm[.58 in]

Packaging Features

Packaging Quantity	100
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	Standard Part - Not Glow Wire
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 Alignment Type	Standard Polarized Tail
PCB Mount Retention	Without
PCB Mount Alignment	With
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

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

Configuration Features

Number of Columns	4
Number of Loaded Positions	4
Number of Power Positions	4
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	4
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	White
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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 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 # 770019-1
04P UMNLI IN-LNE PLUG HSG KIT

TE Part # 641775-1
04P UMNL STR/REL & INSRT NATL

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

TE Part # 641775-2
04P UMNL STR/REL NATL

TE Part # 794584-1
05P UMNL SOC HDR ASSY POL SN

TE Part # 794273-1
04P UMNL INTERFACE SEAL

TE Part # 641968-3
04P UMNL PIN HDR ASSY POL 94VO

TE Part # 641776-2
04P UMNL STR/REL



TE Part # 794274-1
04P UMNL WIRE SEAL



TE Part # 926305-6
UNML4WAY CAP



TE Part # 1586845-1
04P UMNL CAP HSG NATL, GW



TE Part # 194234-1
HDR ASSY,MNL,4 POS,LUBRICATED



TE Part # 641776-1
04P UMNL STR/REL



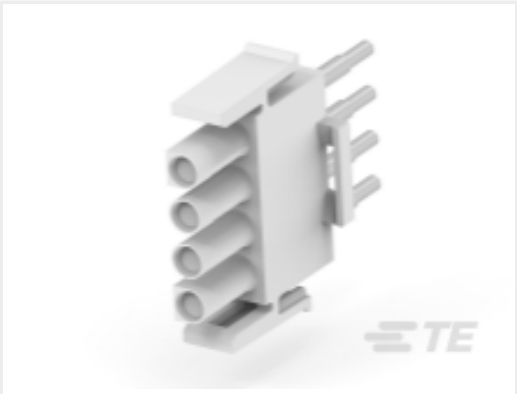
TE Part # 926305-1
4P UNIV M-N-L CAP



TE Part # 794707-1
04P UMNL CAP HSG,BLACK



TE Part # 350811-1
STR/REL CLAMP



TE Part # 350848-4
04P UMNL PLUG TEST ASSY 94VO



TE Part # 350779-1
04P UMNL PLUG HSG

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



Circular Power Connectors(2)



Connector Contacts(209)



Connector Hardware(12)



Power Contacts(209)



Rectangular Power Connectors(370)



Standard Circular Connectors(1)

Customers Also Bought



TE Part #3-647609-5
05P MTA100 HDR ASSY F/L LF



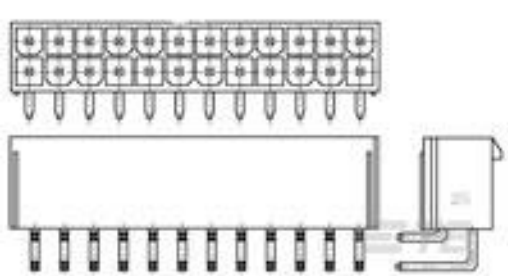
TE Part #2-747706-0
09 RCPT SP/FMS BRDLK



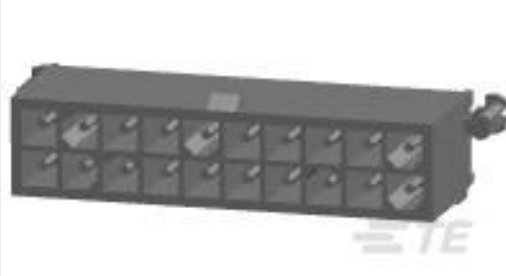
TE Part #3-1879071-7
THS50 75R 5%



TE Part #643429-1
15P UMNL HDR ASSY POL



TE Part #1586042-4
4P VAL-U-LOK R/A HDR V0



TE Part #1-794070-1
20P MINI UMNL HDR W/DH AU LF



TE Part #2-1623720-1
CCR2 5R6 10%



TE Part #1-1721539-7
OJE-SS-112HM2.000T0



TE Part #1393277-6
V23076A1001D143



TE Part #1969498-1
ASSY, TAB HDR, 7MM, 6.35 SERIES, 2 POS

Documents

Product Drawings

04P UMNL HDR ASSY POL 94VO

English

CAD Files

Customer View Model

ENG_CVM_643416-1_H.3d_igs.zip

English

Customer View Model

ENG_CVM_643416-1_H.3d_stp.zip

English

Customer View Model

ENG_CVM_643416-1_H.2d_dxf.zip

English

3D PDF

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

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL

English