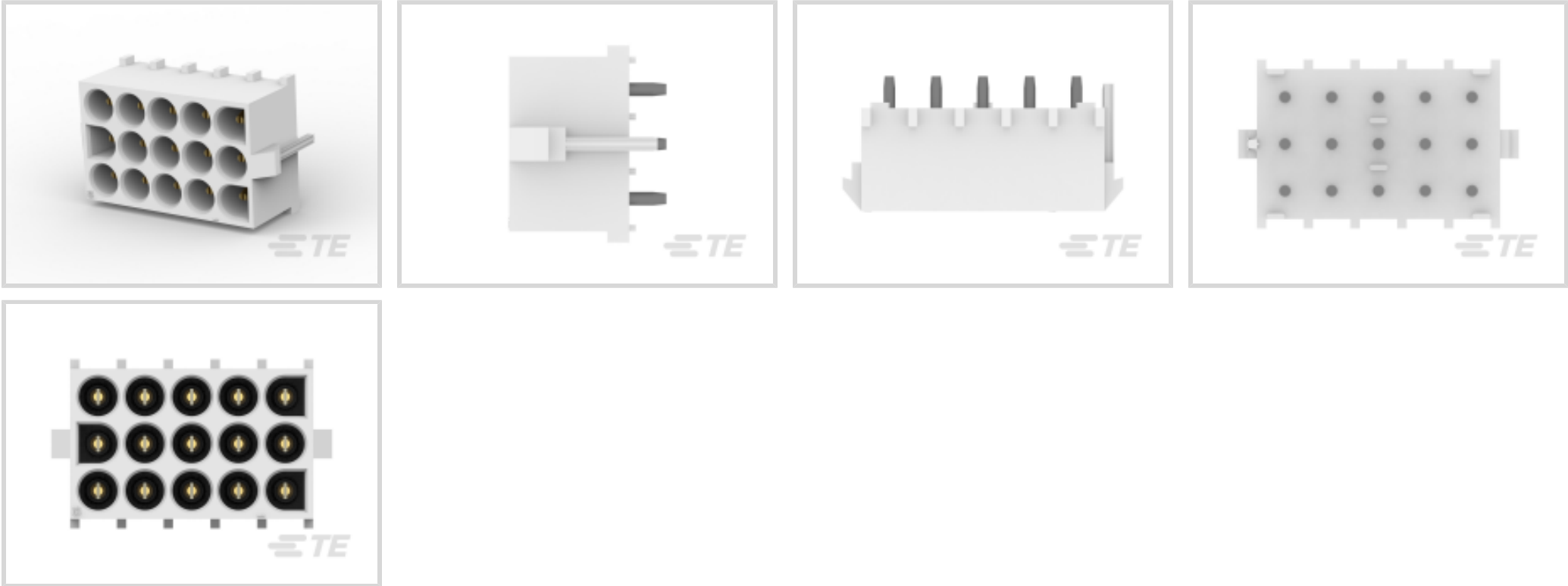




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **15**

Number of Rows: **3**

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	15
Number of Power Positions	15
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	15



Number of Rows	3
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Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	White
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Contact Features

Contact Underplating Material	Nickel
Mating Pin Diameter	2.2 mm[.087 in]
Contact Underplating Material Thickness	1.27 – 1.79 µm[50 – 70 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Size	2.2mm
Contact Mating Area Plating Material Thickness	.76 – .91 µm[30 – 36 µin]
Contact Shape & Form	Round
PCB Contact Termination Area Plating Material Thickness	3.81 – 5.08 µm[150 – 200 µin]
Contact Layout	Matrix
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	12 A

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

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

Housing Features

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

Dimensions

Row-to-Row Spacing	6.35 mm[.25 in]
Connector Width	20.32 mm[.8 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	33.02 mm[1.3 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	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	78
Packaging Method	Carton

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

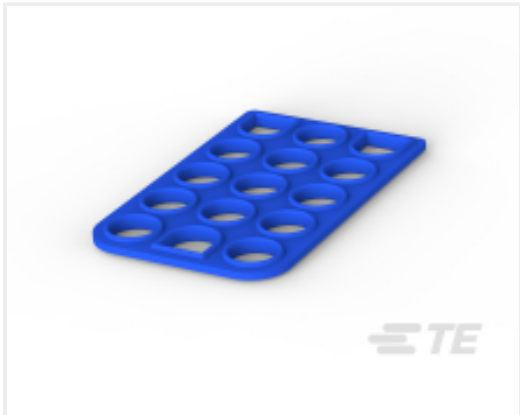
 TE Part # 1-350590-0 STR/REL CLAMP NATL	 TE Part # 770023-1 15P UMNLI IN-LNE PLUG HSG KIT	 TE Part # 1-640724-0 15P UMNL STR/REL & INSRT NATL	 TE Part # 926647-3 UNIV.M-N-L.CAP HSG
 TE Part # 794282-1 15P UMNL WIRE SEAL	 TE Part # 640718-1 15P UMNL STR/REL	 TE Part # 926647-2 15P UN-MNL AUFN-GEH	 TE Part # 350812-1 STR/REL CLAMP UMNL



TE Part # 926647-8
UMNL CAP HSG. 15 POS



TE Part # 350736-1
15P UMNL PLUG HSG



TE Part # 794281-1
15P UMNL INTERFACE SEAL



TE Part # 794745-1
15P UMNL CAP HSG BLACK



TE Part # 926647-1
BOIT F MNL 15P

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Contacts(208)



Connector Hardware(12)



Power Contacts(208)



Rectangular Power Connectors(651)



Standard Circular Connectors(1)

Customers Also Bought



TE Part #5-103957-1
10X2 MTE RCPT SR LATCH .100CL



TE Part #5650479-5
ASSY,PIN,EUROCARD,TYPE R/2,LEAD-FREE,48



TE Part #350711-4
06P UMNL PIN HDR ASSY 94VO LF



TE Part #1-1437558-1
MTA106DPC=(MSTA) SW TOG P/C TE



TE Part #1-66740-1
TYPE XII FEMALE CONT (STRIP)

TE Part #3-640428-3
03P MTA156 CONN ASSY 22AWG RED

TE Part #5650908-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-

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

TE Part #A1004RT24K1-F
NTC THERMISTOR ASSEMBLY

Documents

Product Drawings

15P UMNL PIN HDR ASSY POL LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_641976-4_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_641976-4_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_641976-4_G.3d_stp.zip

English

Customer View Model

ENG_CVM_641976-4_K.3d_igs.zip

English

Customer View Model

ENG_CVM_641976-4_K.3d_stp.zip

English

Customer View Model

ENG_CVM_641976-4_K.2d_dxf.zip

English

3D PDF

English



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Datasheets & Catalog Pages
SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY
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Product Specifications
Application Specification
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