



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **15**

Centerline (Pitch): **6.35 mm [.25 in]**

Features

Product Type Features

Rectangular Power Connector Type	Header
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	15
PCB Mount Orientation	Vertical
Number of Power Positions	15
Number of Rows	3

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Multiple Contact Types	Without
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Contact Layout	Matrix
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	12 A
Contact Retention Within Housing	Without
Contact Type	Socket
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material Thickness	3.81 – 5.08 µm[150 – 200 µin]

Termination Features

Termination Post & Tail Length	3.81 mm[.149 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

PCB Mount Alignment Type	Standard Polarized Tail
Strain Relief	Without
Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Positive Lock
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	6.35 mm[.25 in]
Housing Color	White
Housing Material	Nylon

Dimensions

	1.3 in
PCB Thickness (Recommended)	3.18 mm[.125 in]
Row-to-Row Spacing	6.35 mm[.25 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application



Circuit Application	Power
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Industry Standards

CSA Rating	Certified, LR 7189
UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, UL, VDE
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	50
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	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>



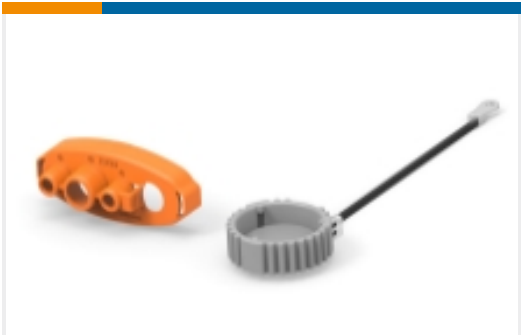
Compatible Parts

TE Part # 1-640724-0 15P UMNL STR/REL & INSRT NATL	TE Part # 794281-1 15P UMNL INTERFACE SEAL	TE Part # 794282-1 15P UMNL WIRE SEAL	TE Part # 350812-1 STR/REL CLAMP UMNL
TE Part # 350736-1 15P UMNL PLUG HSG	TE Part # 926647-3 UNIV.M-N-L.CAP HSG	TE Part # 640718-1 15P UMNL STR/REL	TE Part # 1-350590-0 STR/REL CLAMP NATL
TE Part # 770023-1 15P UMNLII IN-LNE PLUG HSG KIT	TE Part # 926647-1 BOIT F MNL 15P	TE Part # 1-1586683-5 15P UMNL HDR ASSY PC 94VO SL	TE Part # 1586683-9 15P UMNL HDR ASSY PC 94VO SL
TE Part # 1-1586683-0 15P UMNL HDR ASSY PC 94VO SL	TE Part # 1586170-1 15P UMNL PIN HDR 94VO NDH	TE Part # 794745-1 15P UMNL CAP HSG BLACK	TE Part # 926647-2 15P UN-MNL AUFN-GEH
TE Part # 926647-8 UMNL CAP HSG. 15 POS			

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)



Rectangular Connector Housings(1)



Rectangular Power Connectors(670)



Standard Circular Connectors(1)

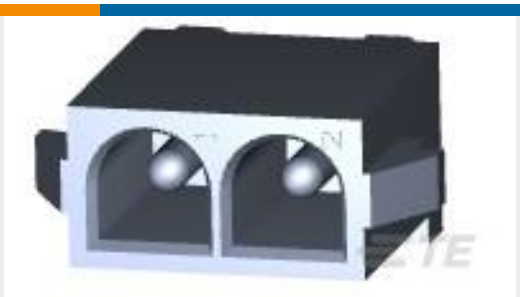
Customers Also Bought



TE Part #1-5747872-6
15 PLUG SP/FMS INSRT



TE Part #5-103817-2
12 MODII HDR 3RST UNSHRD .100



TE Part #194009-1
PIN ASSY..070



TE Part #5-103735-2
03 MTE HDR SRST LATCH .100CL



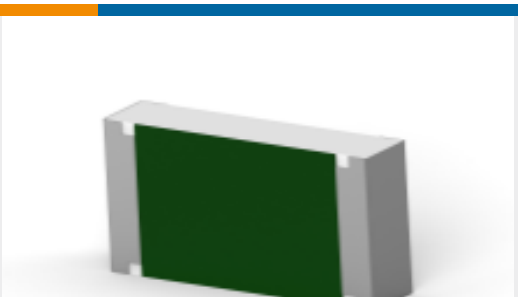
TE Part #641975-1
15P UMNL PIN HDR ASSY POL NATL



TE Part #643410-1
08P UMNL PIN HDR ASSY POL 94VO



TE Part #1825955-2
FSM1JH=6MM TACT SWITCH, HT W /ESD



TE Part #6-2176397-8
3502 620R 1%



Documents

Product Drawings

15P UMNL HDR ASSY POL 94VO

English

CAD Files

Customer View Model

ENG_CVM_643430-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_643430-1_F.3d_stp.zip

English

Customer View Model

ENG_CVM_643430-1_F.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