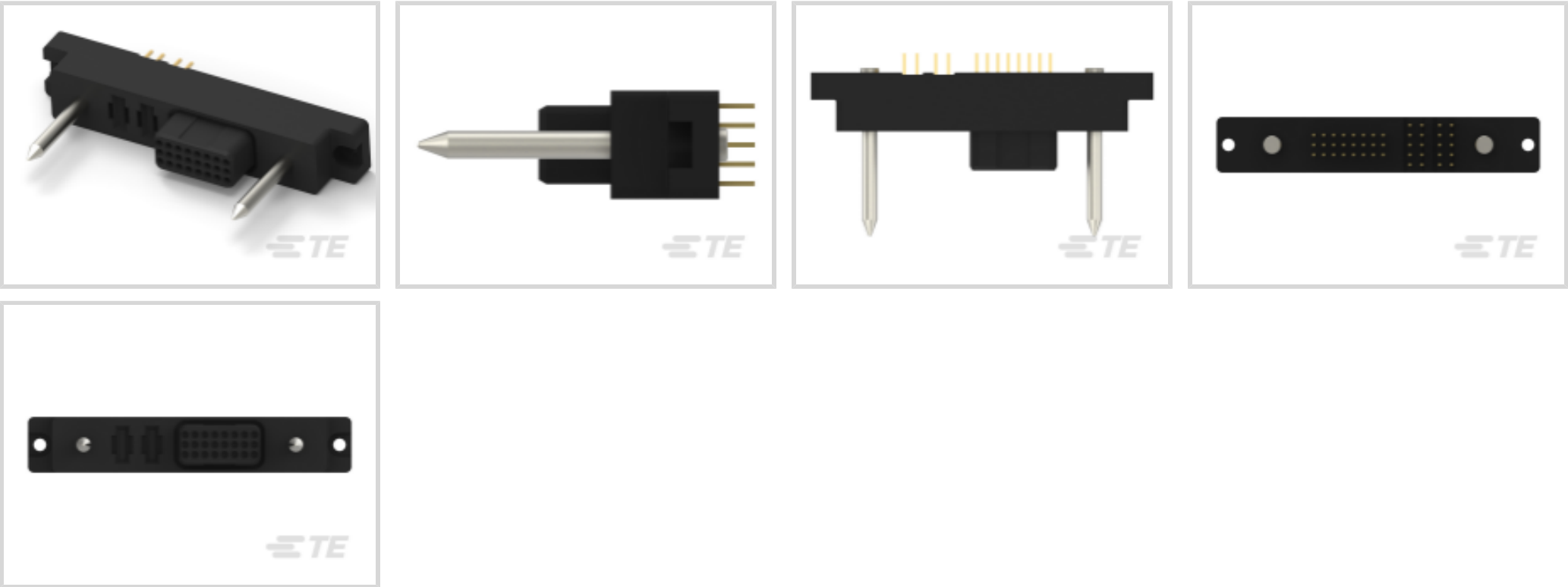




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **26**

Number of Rows: **3**

Features

Product Type Features

Mixed & Hybrid Header	Yes
Connector Shape	Rectangular
PCB Connector Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Mating & Unmating Configuration	Hot Pluggable
Number of Signal Positions	24
Number of Power Positions	2
PCB Mount Orientation	Vertical
Number of Positions	26
Number of Rows	3



Electrical Characteristics

Operating Voltage	250 VDC
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Body Features

Primary Product Color	Black
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Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Mating Square Post Dimension	.64 mm[.025 in]
Mating Tab Width	7 mm[.275 in]
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Layout	Matrix
Contact Base Material	Brass Alloy, Copper Alloy, Phosphor Bronze
Mating Tab Thickness	1.25 mm[.049 in]
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Receptacle, Socket
Contact Current Rating (Max)	3 A, 35 A

Termination Features

Termination Post & Tail Length	4.57 mm[.18 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Guide Pins
PCB Mount Retention Type	Flange w/Mounting Holes
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Thermoplastic Glass Reinforced
Centerline (Pitch)	2.5 mm, 7.5 mm[.098 in][.295 in]

Dimensions

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Row-to-Row Spacing	2.5 mm[.098 in]
Connector Width	14 mm[.551 in]
PCB Thickness (Recommended)	1.57 – 3.18 mm[.062 – .125 in]
Connector Height	14 mm[.551 in]
Connector Length	81.5 mm[3.2 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	8
Packaging Method	Tray

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	Not Low Halogen - contains Br or Cl > 900 ppm.
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



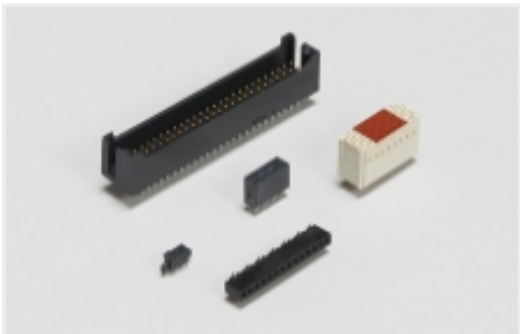
will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or 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 # 6648000-1
279-0933-10100A=CONN,PIN

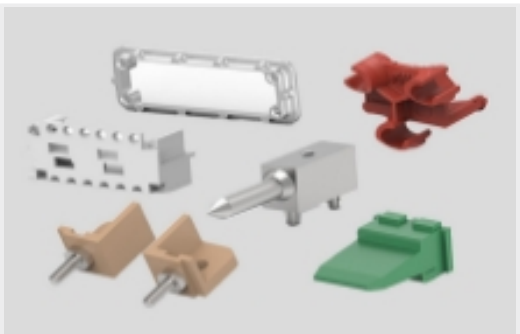
Also in the Series | ELCON Drawer



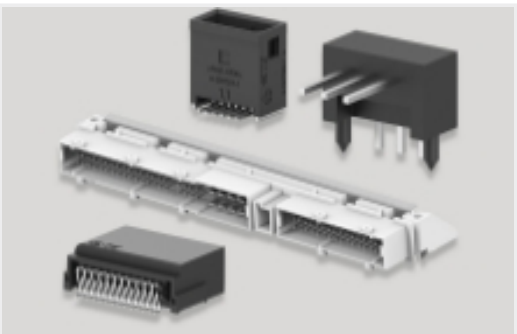
Board-to-Board Headers & Receptacles(25)



Connector Contacts(34)



Connector Hardware(1)



PCB Headers & Receptacles(25)



Power Contacts(34)

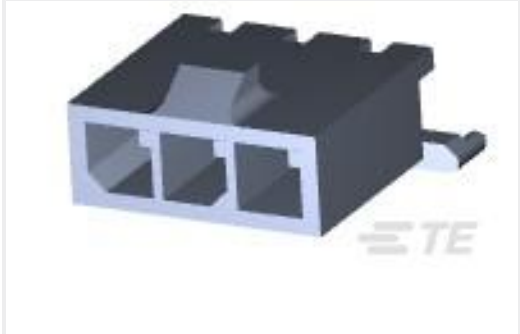


Rectangular Connector Housings(1)

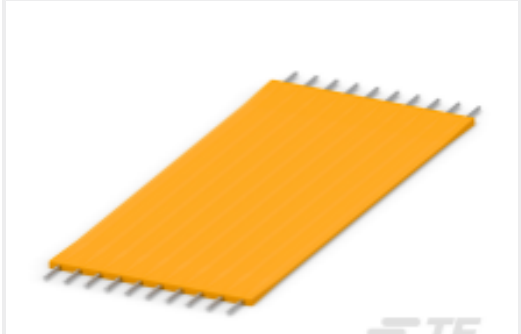


Rectangular Power Connectors(24)

Customers Also Bought



TE Part #2-1445093-3
MICRO MNL HDR ASSY S/ROW AU LF



TE Part #1474678-7
FSK-12.5KJ-36



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



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





TE Part #643407-1
[06P UMNL PIN HDR ASSY POL NATL](#)



TE Part #643410-1
[08P UMNL PIN HDR ASSY POL 94VO](#)



TE Part #643430-1
[15P UMNL HDR ASSY POL 94VO](#)



TE Part #643405-1
[05P UMNL PIN HDR ASSY POL NATL](#)



TE Part #641973-1
[12P UMNL PIN HDR ASSY V2 NATL](#)

Documents

Product Drawings

[278-0933-10200A=CONN,SKT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_6646597-1_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6646597-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6646597-1_D.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[POWER_CONNECTORS_CATALOG_SEC01_BOARD_TO_BOARD](#)

English

[1-1773718-4_POWER_CONNECTORS_QRG_CN](#)

[1-1773718-5_POWER_CONNECTORS_QRG_TCN](#)

[1-1773718-6_POWER_CONNECTORS_QRG_JA](#)

Japanese

Product Specifications



Application Specification

English

Agency Approvals

Agency Approval Document

English