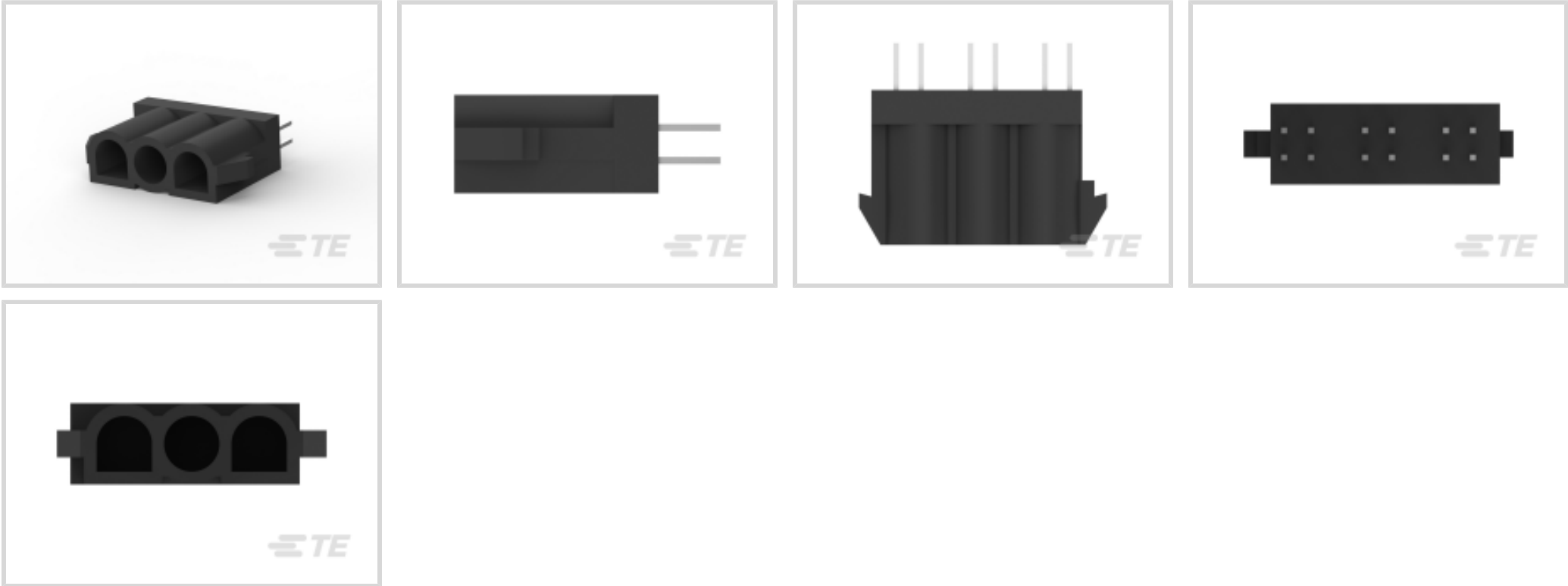




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **3**

Number of Rows: **1**

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	3
Number of Loaded Positions	3
Number of Power Positions	3
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	3



Number of Rows	1
Electrical Characteristics	
Operating Voltage	500 VAC
Body Features	
Primary Product Color	Black
Contact Features	
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	2 µm[78.73 µin]
PCB Contact Termination Area Plating Material Thickness	.5 – 2.54 µm[20 – 100 µin]
Contact Layout	Inline
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	15 A
Termination Features	
Termination Post & Tail Length	5 mm[.196 in]
Termination Method to PCB	Through Hole - Press-Fit
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
Housing Features	
Mating Entry Location	Top
Housing Material	Glass-Filled Thermoplastic



Centerline (Pitch)	6.35 mm[.25 in]
--------------------	-----------------

Dimensions

Connector Width	7.62 mm[.3 in]
PCB Thickness (Recommended)	1.57 – 3.18 mm[.062 – .125 in]
Connector Height	15.85 mm[.624 in]
Connector Length	21.59 mm[.85 in]

Usage Conditions

Operating Temperature (Max)	85 °C[185 °F]
Operating Temperature Range	-25 – 85 °C[-13 – 185 °F]

Operation/Application

Circuit Application	Power
---------------------	-------

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	165
Packaging Method	Box

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	Not applicable for solder process capability



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 # 1586849-1
03P UMNL CAP HSG NATL, GW

TE Part # 794900-1
03P UMNL HI TEMP CAP HSG

TE Part # 770018-1
03P UMNLI IN-LNE PLUG HSG KIT

TE Part # 350766-1
03P UMNL PLUG HSG

Also in the Series | Universal MATE-N-LOK

Circular Power Connectors(2)

Connector Contacts(208)

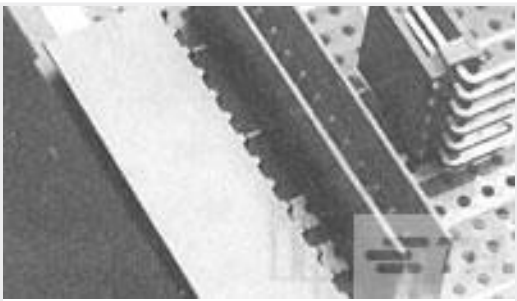
Connector Hardware(12)

Power Contacts(208)

Rectangular Power Connectors(651)

Standard Circular Connectors(1)

Customers Also Bought



TE Part #281695-8
HEADER HE14 STRAIGHT 8 P



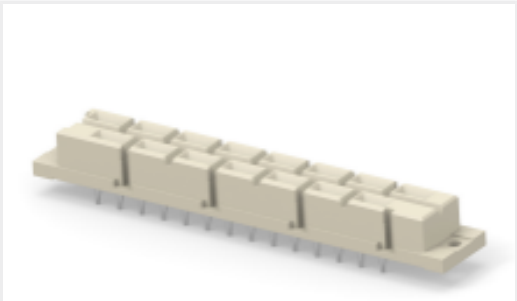
TE Part #5749069-9
100 50SR VERT RCPT ASSYY



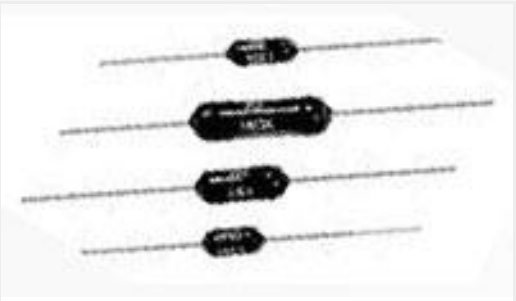
TE Part #CAT-018-DRARA127
D-Sub Receptacle Assembly: Right Angle, 1.27mm



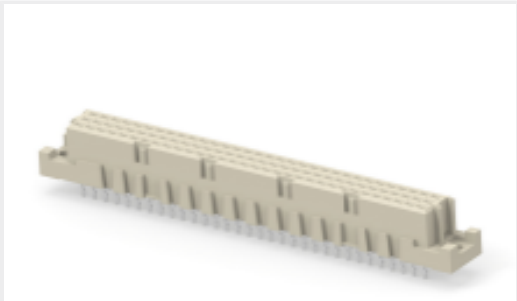
TE Part #3-1437646-3
3PCV-02-006=3PCV ASSEMBLY



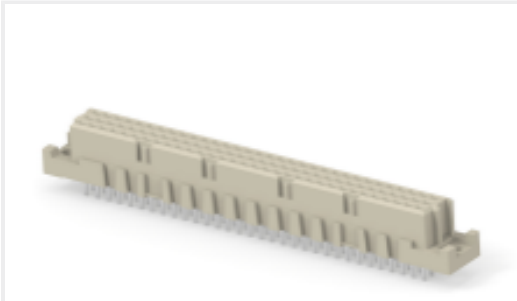
TE Part #594752-E
STVH15 15 F ZD WV 2 EE25 4,2 * 197 E 172



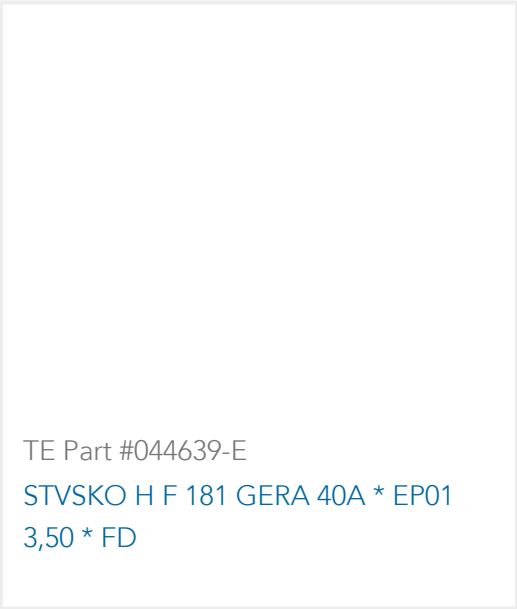
TE Part #7-1879684-5
H8 6K81 0.1% 50PPM



TE Part #244268-E
STVC 64 F AC WV 7-00 EE 4,0 * 247 E007 1



TE Part #204752-E
STVC 96 F ABC WV 7-00 EE 4,0 * 247 E007



TE Part #044639-E
STVSKO H F 181 GERA 40A * EP01 3,50 * FD

Documents

Product Drawings

3 P ACTION PIN UMNL

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_173925-1_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_173925-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_173925-1_J.3d_stp.zip

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

Agency Approvals

Agency Approval Document

English