

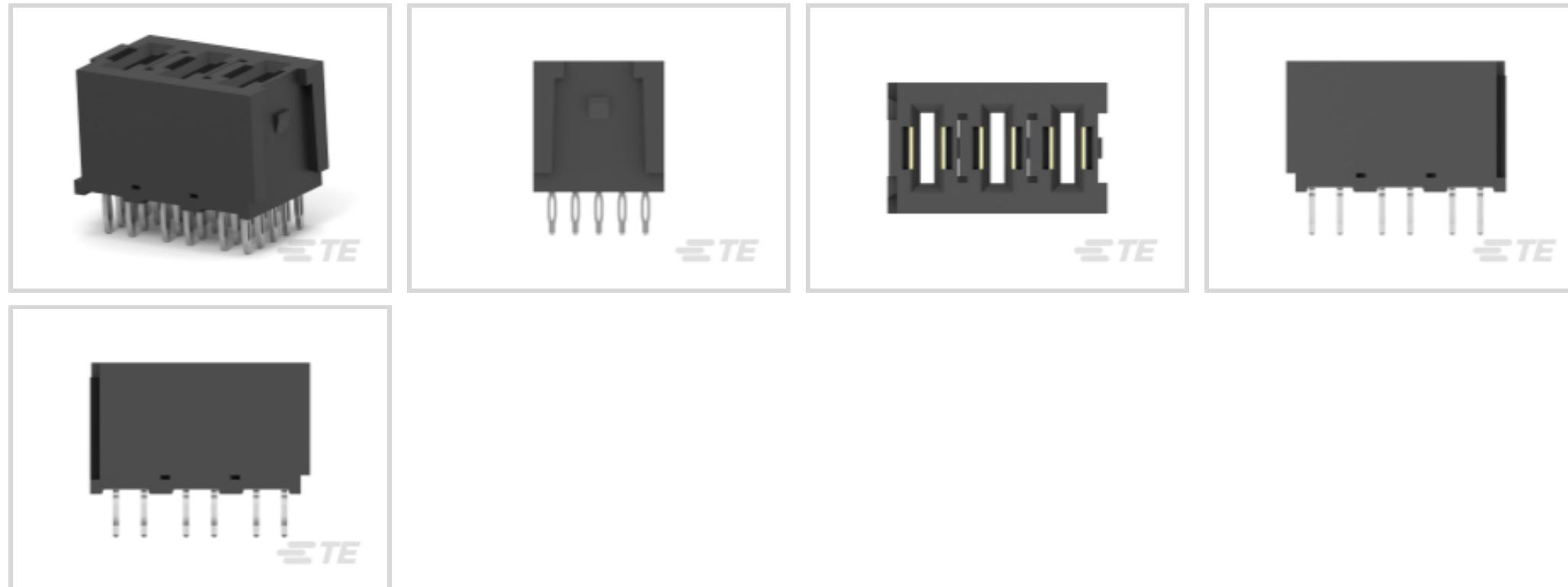
6646512-1  ACTIVE

TE Internal #: 6646512-1

Rectangular Power Connectors, Header, Receptacle, Wire-to-Board, 3 Position, 7.5 mm [.295 in] Centerline, Printed Circuit Board, UL 94V-0

[View on TE.com >](#)

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: **3**Centerline (Pitch): **7.5 mm [.295 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	3
PCB Mount Orientation	Vertical
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	35 A

Contact Retention Within Housing	Without
Contact Type	Receptacle
PCB Contact Termination Area Plating Material	Gold

Termination Features

Termination Method to Wire & Cable	Crimp
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	7.5 mm [.295 in]
Housing Color	Black
Housing Material	Polyphthalamide

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

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

Packaging Features

Packaging Method	Bag
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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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.

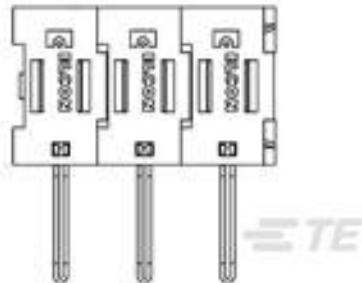
Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

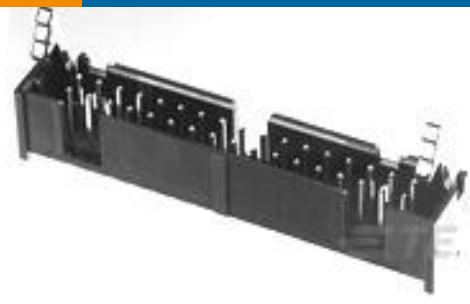
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 6646911-1
CONN,PIN,RT<,SLDR,FLATPAQ

Customers Also Bought



TE Part #1-1761606-3
IDC LOW PRO HDR 40P VERT LG LAT BLK



TE Part #1761606-3
IDC LOW PRO HDR 10P VERT LG LAT BLK



TE Part #556881-3
RCPT ASY,VRT,AMPINRGY WTB,3POS



TE Part #6-534206-3
26 MODII VRT DR CE 100/115



TE Part #5406533-1
INV MOD JACK,1X1,LED (G/Y)



TE Part #641966-1
03P UMNL PIN HDR ASSY 94VO



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



TE Part #640445-7
07P MTA156 HDR ASSY FL/STR SN



TE Part #5555153-6
MJ,LPF,R/A,8P,PCBG,PSTP.09TTR

Documents

Product Drawings

[CONN,SKT,STR,COMPL,FLATPAQ](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_6646512-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6646512-1_A.3d_jgs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6646512-1_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English