

6646512-1

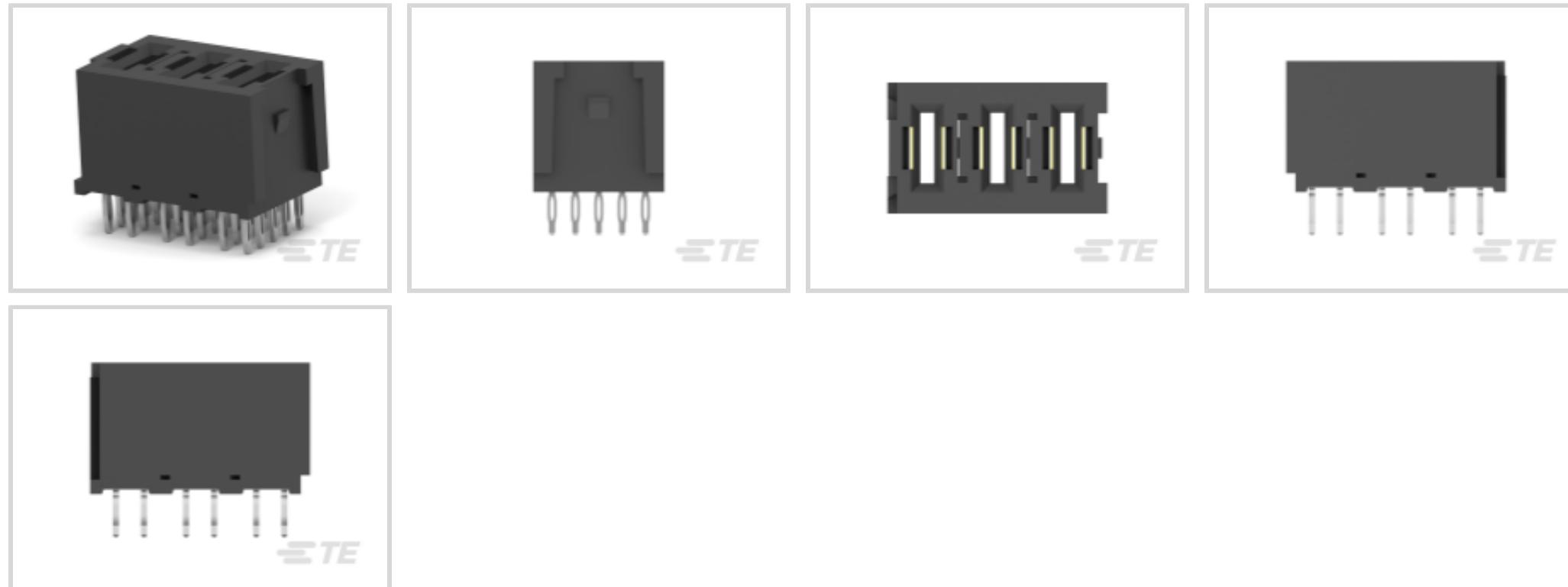
! PENDING OBSOLESCENCE

TE Internal #: 6646512-1

TE Internal Description: CONN,SKT,STR,COMPL,FLATPAQ

[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

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]

Operation/Application

Circuit Application

Power & Signal

Industry Standards

UL Flammability Rating

UL 94V-0

Glow Wire Rating

Standard Part - Not Glow Wire

Packaging Features

Packaging Method

Bag

Product ComplianceFor 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.

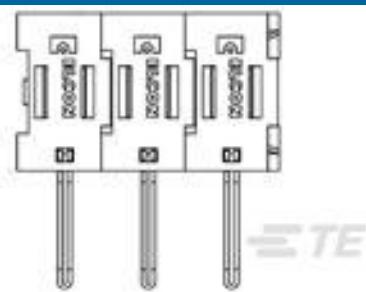
Solder Process Capability

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

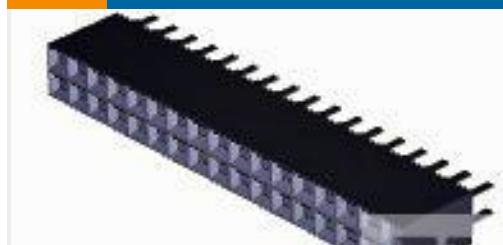


TE Part # 6646911-1
CONN,PIN,RT<,SLDR,FLATPAQ

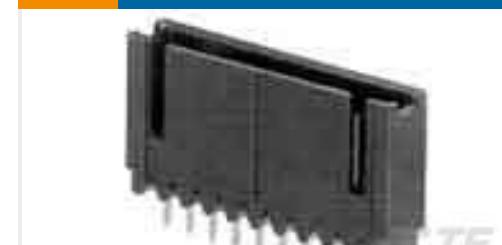
Customers Also Bought



TE Part #640456-7
07P MTA100 HDR ASSY F/L SQ STR



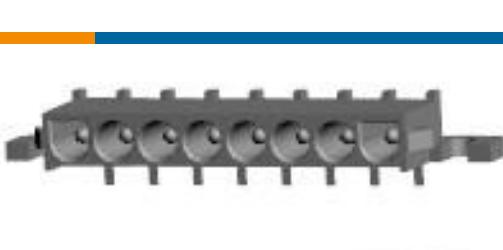
TE Part #6-534206-7
34 MODII VRT DR CE 100/115



TE Part #5-102202-2
05 MODII HDR SRST SHRD LF



TE Part #641832-1
06P UMNL PIN HDR ASSY V2 NATL



TE Part #640584-1
08P UMNL HDR ASSY R/A 94VO



TE Part #350209-1
02P CMNL HDR ASSY PC NATL



TE Part #350432-1
09P UMNL PIN HDR ASSY NATL



TE Part #1-770174-1
04P MINI UMNL ASSY VO SNAU LF



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