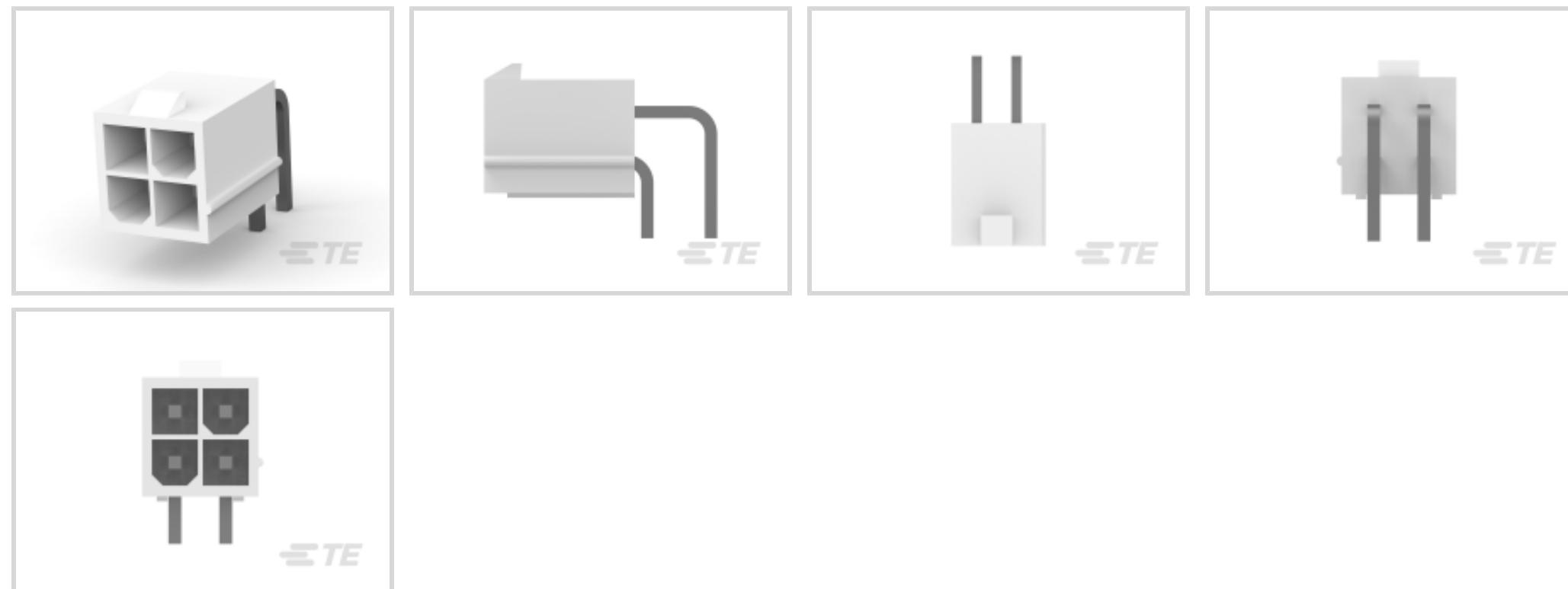


[Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors](#)Rectangular Power Connector Type: **Header**Connector & Housing Type: **Plug**Connector System: **Wire-to-Board**Number of Positions: **4**Centerline (Pitch): **4.2 mm [.165 in]**

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	4
PCB Mount Orientation	Right Angle
Number of Power Positions	4
Number of Rows	2

### Electrical Characteristics

Operating Voltage	600 VAC
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### Contact Features

Contact Layout	Inline, Matrix, Square Grid
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Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	9 A
Contact Retention Within Housing	Without
Contact Type	Pin
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.03 µm[80 µin]

#### Termination Features

Termination Post & Tail Length	3.6 mm[.14 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

#### Mechanical Attachment

Mating Alignment Type	Keyed
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without
Mating Retention Type	Latch
Connector Mounting Type	Board Mount

#### Housing Features

Centerline (Pitch)	4.2 mm[.165 in]
Housing Color	Natural
Housing Material	Nylon

#### Dimensions

Compatible Insulation Diameter (Max)	2.39 mm[2.39 in]
Connector Height	9.8 mm[.386 in]
PCB Thickness (Recommended)	.06 mm[1.6 in]
Product Width	13 mm[.51 in]
Product Length	9.6 mm[.378 in]
Compatible Insulation Diameter Range	1.2 - 3.1 mm[.047 - .122 in]
Row-to-Row Spacing	4.2 mm[.165 in]

#### Usage Conditions

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

## Circuit Application

## Power

## Identification Marking

## Circuit Identification Feature

## With

## Industry Standards

## CSA Rating

## 208567

## UL Rating

## Recognized

## Compatible With Agency/Standards Products

## CSA, UL

## 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

## 400

## Packaging Method

## Box &amp; Tray, Tray

## Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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

## Low Halogen - Br, Cl, F, I &lt; 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



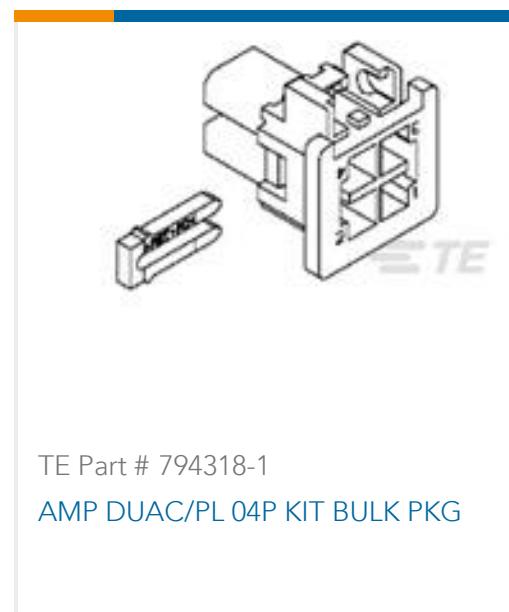
TE Part # 1586019-4  
4P RCPT VAL-U-LOK V0



TE Part # 1969613-4  
4P PM PLUG VAL-U-LOK V0



TE Part # 1969612-4  
4P FH PLUG VAL-U-LOK V0



TE Part # 794318-1  
AMP DUAC/PL 04P KIT BULK PKG

## Customers Also Bought



TE Part # 3-647609-5  
05P MTA100 HDR ASSY F/L LF



TE Part # 643960-1  
03P MTA156 HDR ASSY STR W/O#2



TE Part # 63862-1  
250 FASTON TAB TPBR



TE Part # 1217754-1  
250 FASTON,FLAG,PCB TAB,TNBR



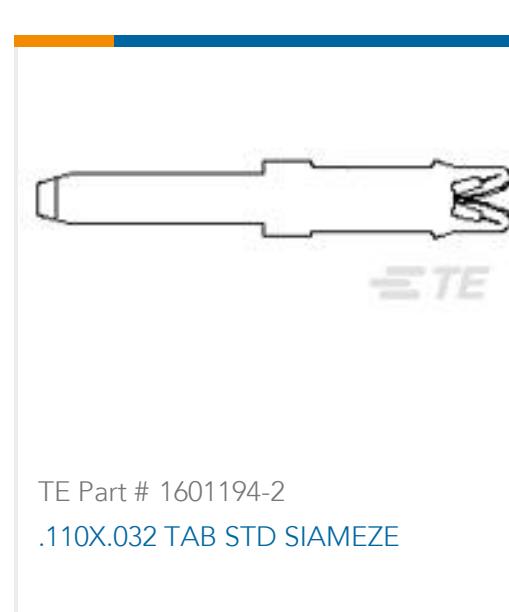
TE Part # 1969352-2  
ASSY DIN R/A RAST5 HDR 02-A, G



TE Part # 5-1969352-2  
ASSY DIN R/A RAST5 HDR 02-A, G



TE Part # 1601097-3  
TAB,2.79X0.81,STD,SMZ



TE Part # 1601194-2  
.110X.032 TAB STD SIAMEZE



TE Part # 1969498-1  
ASSY, TAB HDR, 7MM, 6.35 SERIES, 2 POS



TE Part # 1-1721260-3  
OJ-SS-112LMH2,000T0

## Documents

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_1586042-4\\_B.3d\\_igs.zip](#)

English

**Customer View Model**[ENG\\_CVM\\_1586042-4\\_B.3d\\_stp.zip](#)

English

**Customer View Model**[ENG\\_CVM\\_1586042-4\\_B.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\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

English

**Product Specifications**[Application Specification](#)

English

**Agency Approvals**[UL Report](#)

English