



TE Internal #: 6-2408818-4

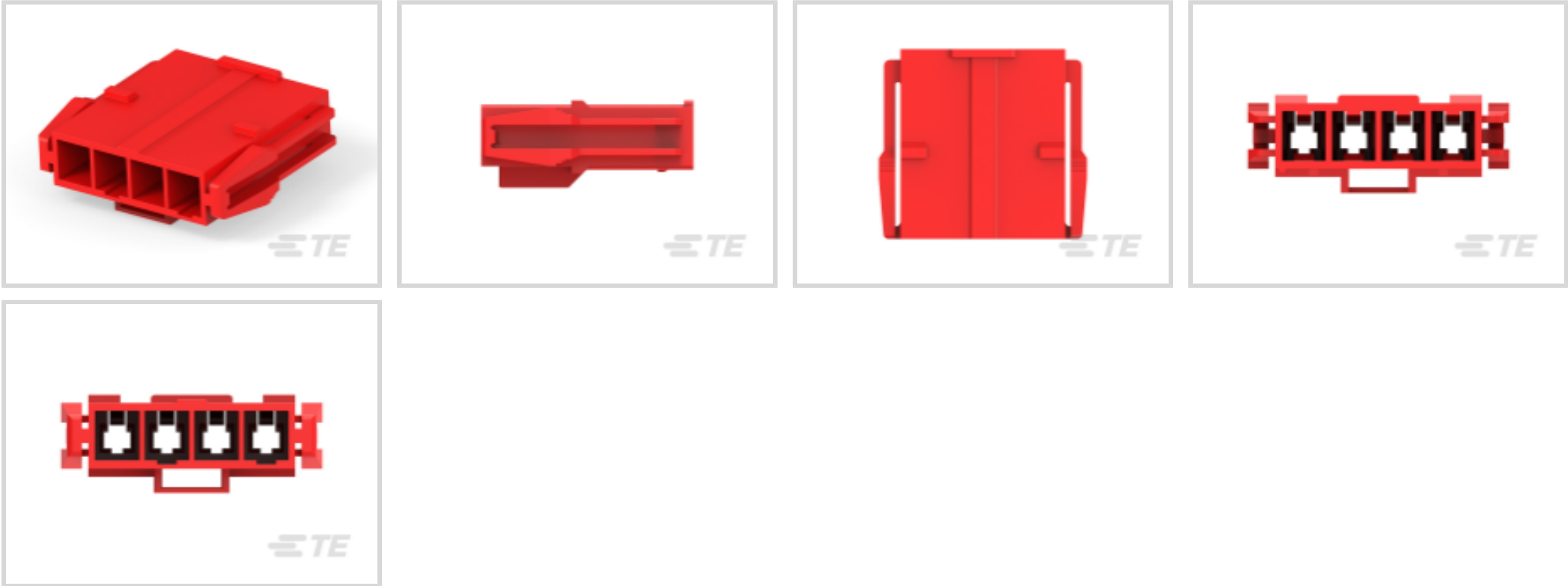
Rectangular Power Connectors, Housing, Housing for Male

Terminals, Wire-to-Wire, 4 Position, 6.2 mm [.24 in] Centerline, Wire

& Cable, UL 94V-0

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Housing for Male Terminals**

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

Number of Positions: **4**

Centerline (Pitch): **6.2 mm [.24 in]**

Features

Product Type Features

| | |
|-----------------------------------|----------------------------|
| Rectangular Power Connector Type | Housing |
| Connector & Housing Type | Housing for Male Terminals |
| Connector System | Wire-to-Wire |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 4 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 600 VAC |
|-------------------|---------|

Contact Features

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|--|------------|
| Contact Current Rating (Max) | 21 A |
| Contact Type | Pin |
| Wire Contact Termination Area Plating Material | Bright-Tin |



Termination Features

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|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

| | |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

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|--------------------|----------------|
| Centerline (Pitch) | 6.2 mm[.24 in] |
| Housing Color | Red |
| Housing Material | PA 66 |

Dimensions

| | |
|-----------|---------------|
| Wire Size | .32 – 3.3 mm² |
|-----------|---------------|

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -25 – 90 °C[-13 – 194 °F] |
|-----------------------------|---------------------------|

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

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|------------------|-----|
| Packaging Method | Bag |
|------------------|-----|

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 | Not Yet Reviewed |
| 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 < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not reviewed 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # 5-2423324-3
Header 3P(omit #2)Yellow HCl 4.0 Pitch

TE Part # 7-2408780-3
Plug HSG3P Blue HCl 6.2 Pitch Outer Lock

Documents

Product Drawings

Rec HSG 4P Red HCl 6.2 Pitch With Wings

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-2408818-4_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-2408818-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-2408818-4_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

HIGH-CURRENT-INTERCONNECT-CONNECTOR-SYSTEM

English

Product Specifications

Application Specification



English