

2213738-6 ✓ ACTIVE



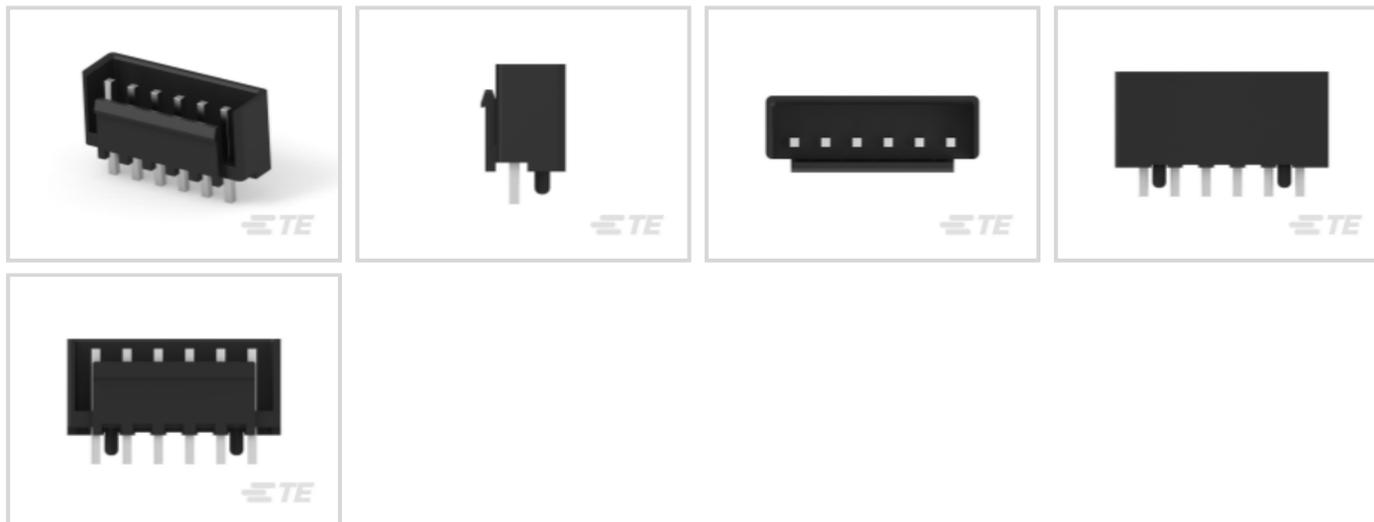
Economy Power

TE Internal #: 2213738-6

Rectangular Power Connectors, Header, Plug, Wire-to-Board, 6 Position, 3.96 mm [.156 in] Centerline, Printed Circuit Board, UL 94V-0, Economy Power

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors > REFLOW CAPABLE ECONOMY POWER HEADERS



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

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

Number of Positions: **6**

Centerline (Pitch): **3.96 mm [.156 in]**

[All REFLOW CAPABLE ECONOMY POWER HEADERS \(7\)](#)

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Header Type | Fully Shrouded |
| Rectangular Power Connector Type | Header |
| Connector & Housing Type | Plug |
| Connector System | Wire-to-Board |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|---------------------------|----------|
| Number of Positions | 6 |
| PCB Mount Orientation | Vertical |
| Number of Power Positions | 2 |
| Number of Rows | 1 |

Electrical Characteristics

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



Contact Features

| | |
|--|--------------|
| Contact Current Rating (Max) | 12 A |
| Contact Type | Pin |
| PCB Contact Termination Area Plating Material | Pre-Tin |
| Contact Mating Area Plating Material | Tin |
| Contact Mating Area Plating Material Thickness | 1.18 μ m |

Termination Features

| | |
|---|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
|---|-----------------------|

Housing Features

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|--------------------|-----------------------------------|
| Centerline (Pitch) | 3.96 mm [.156 in] |
| Housing Color | Black |
| Housing Material | LCP GF30 (Liquid Crystal Polymer) |

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -40 – 105 °C [-40 – 221 °F] |
|-----------------------------|-----------------------------|

Operation/Application

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

Industry Standards

| | |
|---------------------------|---------------------------|
| Glow Wire Material Rating | Material with GWFI 850°C |
| UL Flammability Rating | UL 94V-0 |
| Glow Wire Rating | GWT 750°C (Without Flame) |

Packaging Features

| | |
|------------------|------|
| Packaging Method | Tube |
|------------------|------|

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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 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 # 1123721-1
EP CONN. REC CONTACT

Also in the Series | Economy Power

Connector Contacts(1)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(166)

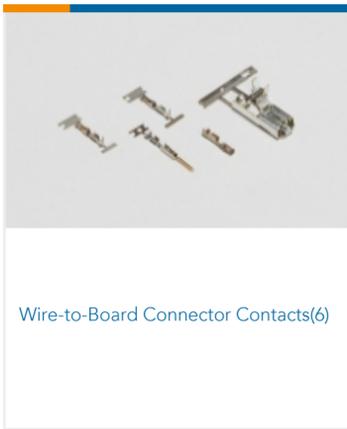
PCB Latches, Locks & Retainers(2)

Power Contacts(8)

Rectangular Connector Housings(1)

Rectangular Power Connectors(301)

Wire-to-Board Connector Assemblies & Housings(141)



Documents

Product Drawings

[6P HIGH TEMP SHROUDED EP HEADER ASSY](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2213738-6_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2213738-6_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2213738-6_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Reflow Capable Economy Power Headers](#)

[Reflow Capable Economy Power Headers](#)

English

Product Specifications

[Application Specification](#)

English