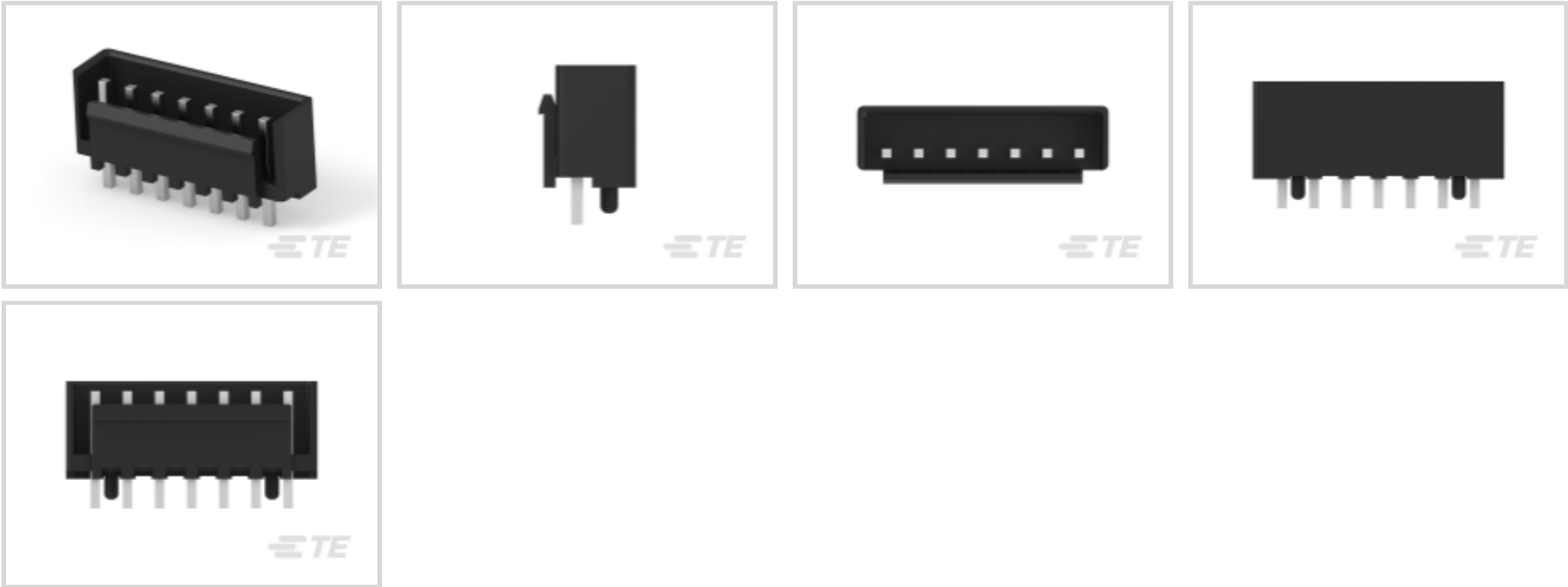




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors > REFLOW CAPABLE ECONOMY POWER HEADERS



Rectangular Power Connector Type: Header

Connector & Housing Type: Plug

Connector System: Wire-to-Board

Number of Positions: 7

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	7
PCB Mount Orientation	Vertical
Number of Power Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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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 µm

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Housing Features

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]
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Operation/Application

Circuit Application	Power
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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
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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: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) 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

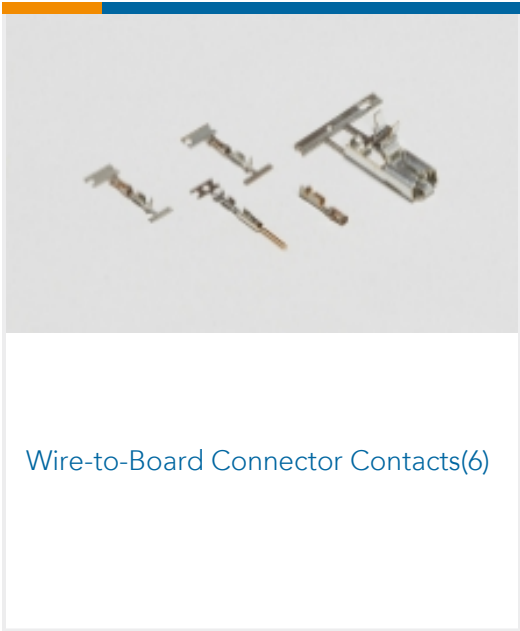
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

7P HIGH TEMP SHROUDED EP HEADER ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2213738-7_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2213738-7_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2213738-7_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