

1-2132781-2 ✓ ACTIVE



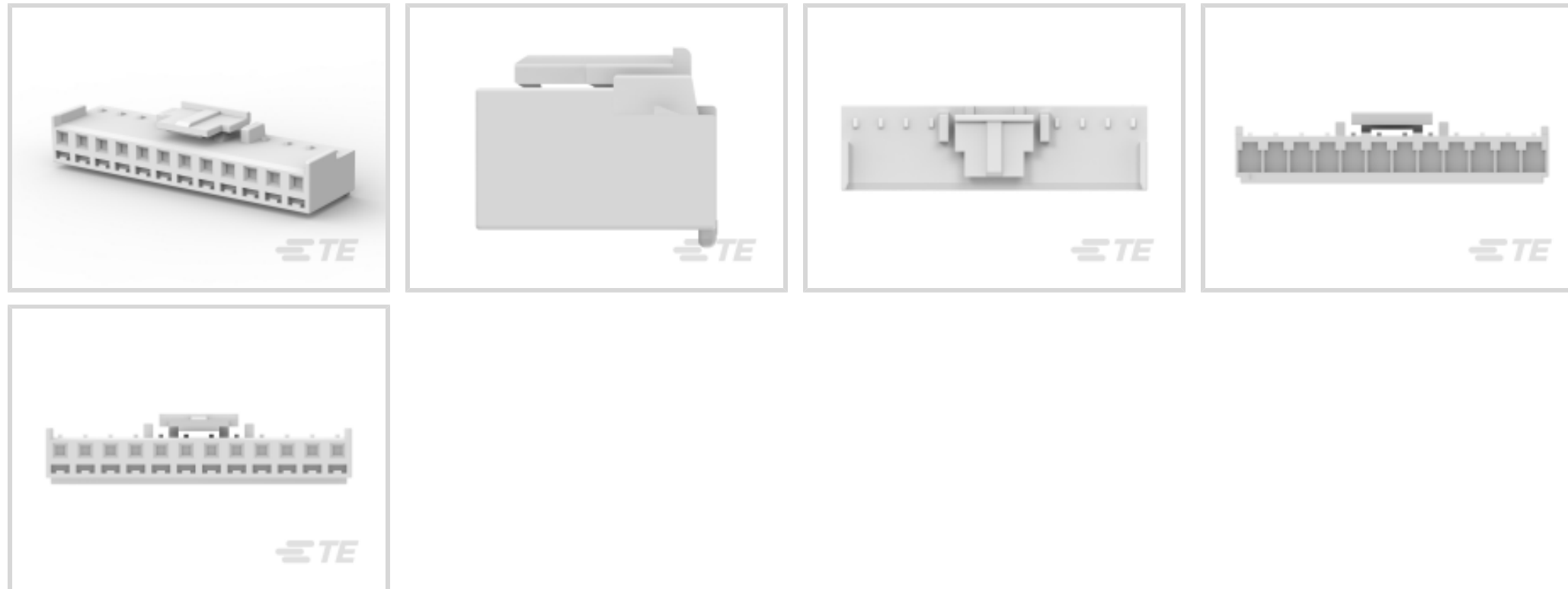
Economy Power

TE Internal #: 1-2132781-2

Housing, Receptacle, Wire-to-Board, 12 Position, 3.96 mm [.156 in]
Centerline, Wire & Cable, UL 94V-0, Economy Power, Rectangular
Power Connectors

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Contact Layout	Inline
Contact Base Material	Phosphor Bronze
Contact Retention Within Housing	Without
Contact Type	Receptacle

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Retention Type	Locking Latch, Latch
PCB Mount Retention	Without
Mating Retention	With
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	3.96 mm [.156 in]
Housing Color	Natural
Housing Material	Nylon

Dimensions

Compatible Insulation Diameter Range	1.7 – 3 mm [.067 – .118 in]
Product Width	13.3 mm [.524 in]
Product Length	13.3 mm [.523 in]
Connector Height	11 mm [.433 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features



Packaging Quantity	1000
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	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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 1-2132782-2
12 pos. EP II breakaway retain



TE Part # 1-1877285-2
12P EP SHRD HDR ASMY, WHITE



TE Part # 1-1744057-2
3.96 EP HDR ASSY 12P W/PEGS



TE Part # 1-1744524-2
EP 12P HEADER ASY NO 2,6 PINS

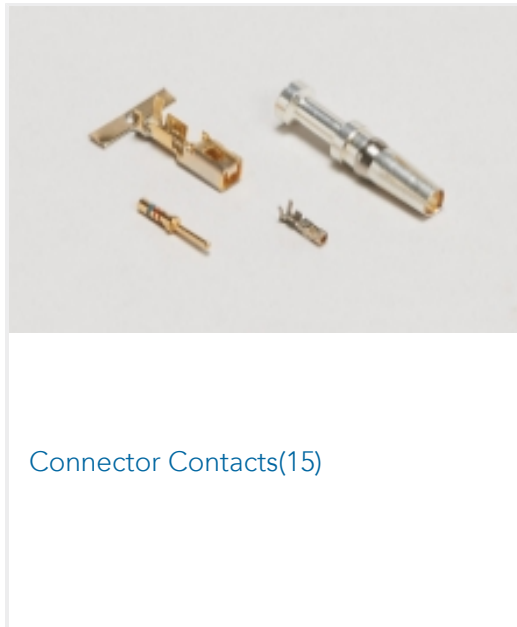


TE Part # 2312042-5
EP II HSG, 5POS., GLOW WIRE



TE Part # 3-1877285-2
12P EP SHRD HDR ASMY, BLACK

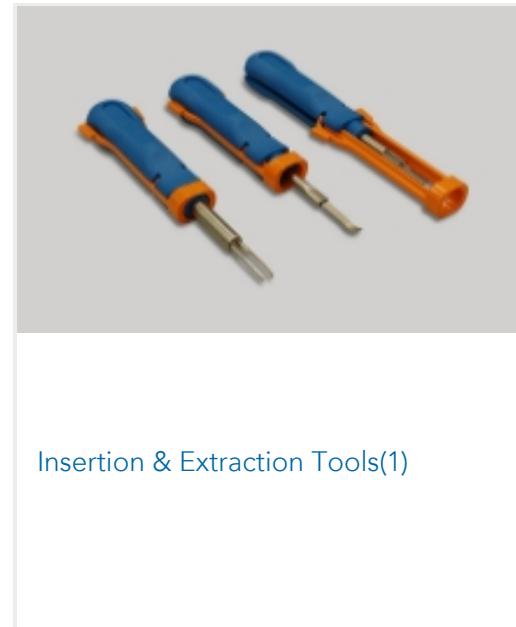
Also in the Series | Economy Power



Connector Contacts(15)



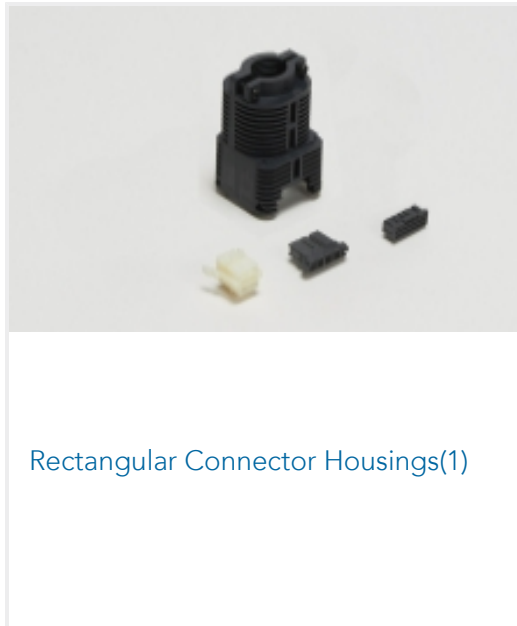
Connector Hardware(2)



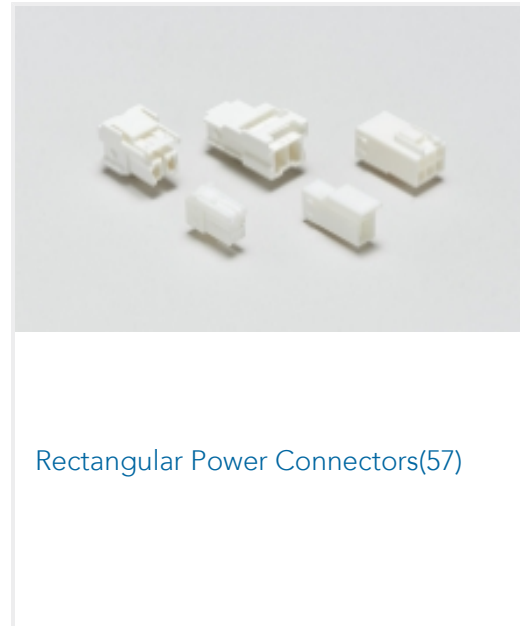
Insertion & Extraction Tools(1)



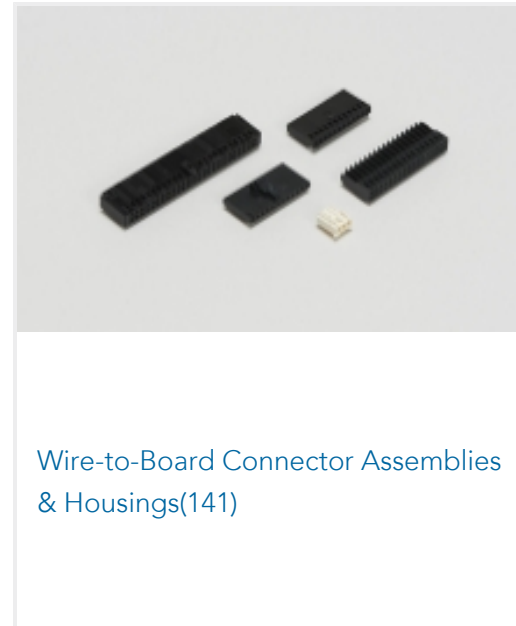
PCB Headers & Receptacles(402)



Rectangular Connector Housings(1)



Rectangular Power Connectors(57)



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

Customers Also Bought



TE Part #1971787-2
PTL RECEPTACLE CONTACT, 2X18 AWG



TE Part #2132781-8
08P EP-II HOUSING, NATURAL



TE Part #1-2132781-0
10P EP-II HOUSING, NATURAL



TE Part #350561-3
UMNL PIN 24-18 .0126 PTPPHBZ



TE Part #1744144-1
EP-II CONTACT LANCELESS, 22-18



TE Part #1-1318300-3
3.96 EP HDR ASSY 3P NAT/TUBE



TE Part #1-1969541-2
RETAINER, TPA, DUAL ROW, EP2.5



TE Part #1744428-5
3.96 EP HDR ASSY 5P R/A, GW



Documents

Product Drawings

[12P EP-II HOUSING, NATURAL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2132781-2_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2132781-2_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2132781-2_E.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1-1773885-9 Economy Power Connectors](#)

English

[7-1773458-5_ECONOMY_POWER_QRG](#)

English

[7-1773461-5_EPII_CONNECTOR_TPA_DEVICE](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[VDE Certificate](#)

English