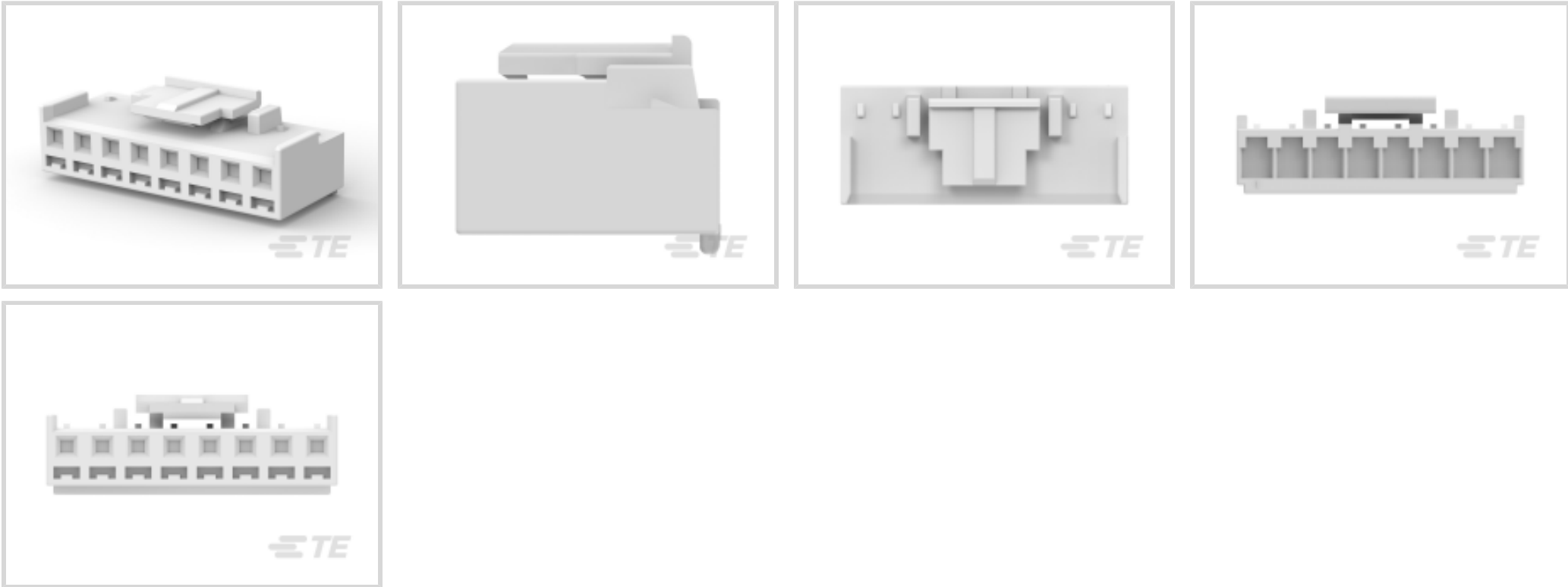




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **8**

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

Features

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	8
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
Mechanical Attachment	
Strain Relief	Without
Mating Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With
Mating Retention Type	Latch, Locking Latch
Housing Features	
Centerline (Pitch)	3.96 mm[.156 in]
Housing Color	Natural
Housing Material	Nylon
Dimensions	
Accepts Wire Insulation Diameter Range	1.7 – 3 mm[.067 – .118 in]
Height	11 mm[.433 in]
Length	13.3 mm[.523 in]
Width	13.3 mm[.524 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Packaging Features	
Packaging Method	Bag
Packaging Quantity	1000



Product Compliance

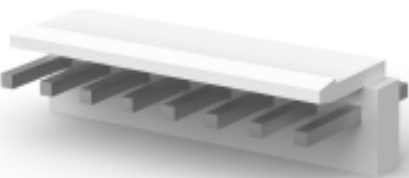
For compliance documentation, visit the product page on TE.com>

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 2021 (211) SVHC > Threshold: Not Yet Reviewed
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>

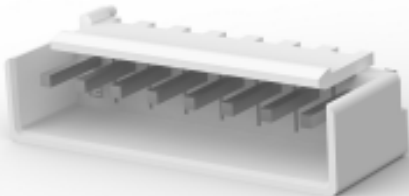
Compatible Parts



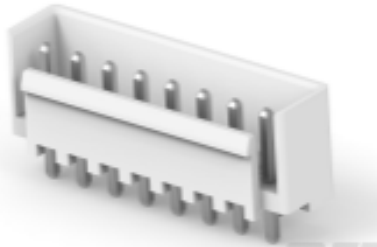
TE Part # 1744057-8
3.96 EP HDR ASSY 8P W/PEGS



TE Part # 1744544-8
EP II TPA 08P, BLACK



TE Part # 1877285-8
08P EP SHRD HDR ASMY, WHITE



TE Part # 1744357-8
3.96 EP SHROUDED HDR ASSY 8P W





TE Part # 1744497-8
08P EP-II HOUSING, GREY



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



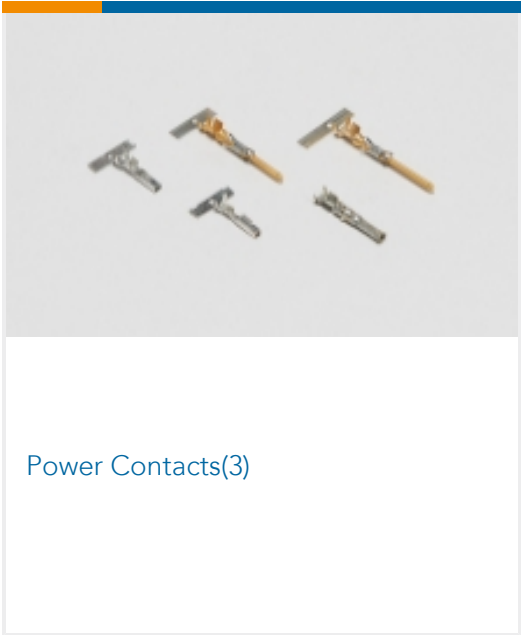
TE Part # 7-1123722-8
3.96 EP PLUG HSG 8P(NATURAL)

Also in the Series

Economy Power II



PCB Latches, Locks & Retainers(10)



Power Contacts(3)



Rectangular Power Connectors(22)

Customers Also Bought



TE Part #521597-2
ULTRA POD: Flag, Receptacle Assembly, Tin Plated, .187 inch



TE Part #2132781-7
07P EP-II HOUSING, NATURAL



TE Part #1-2132782-2
12 pos. EP II breakaway retain



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



TE Part #521284-2
ULTRA POD: Straight, Receptacle Assembly, Tin Plated, .187 inch



TE Part #521633-2
ULTRA-POD 250 ASY REC 18-14 AWG TPBR



TE Part #794742-1
12P UMNL PLUG HSG NATL



TE Part #794741-1
09P UMNL PLUG HSG NATL

Documents

Product Drawings

08P EP-II HOUSING, NATURAL

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_2132781-8_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2132781-8_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2132781-8_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

Product Environmental Compliance

[MD_2132781-8_061320181028_dmtec](#)

English

[MD_2132781-8_061320181028_dmtec](#)

English

[TE Material Declaration](#)

English

Agency Approvals

[VDE Certificate](#)

English