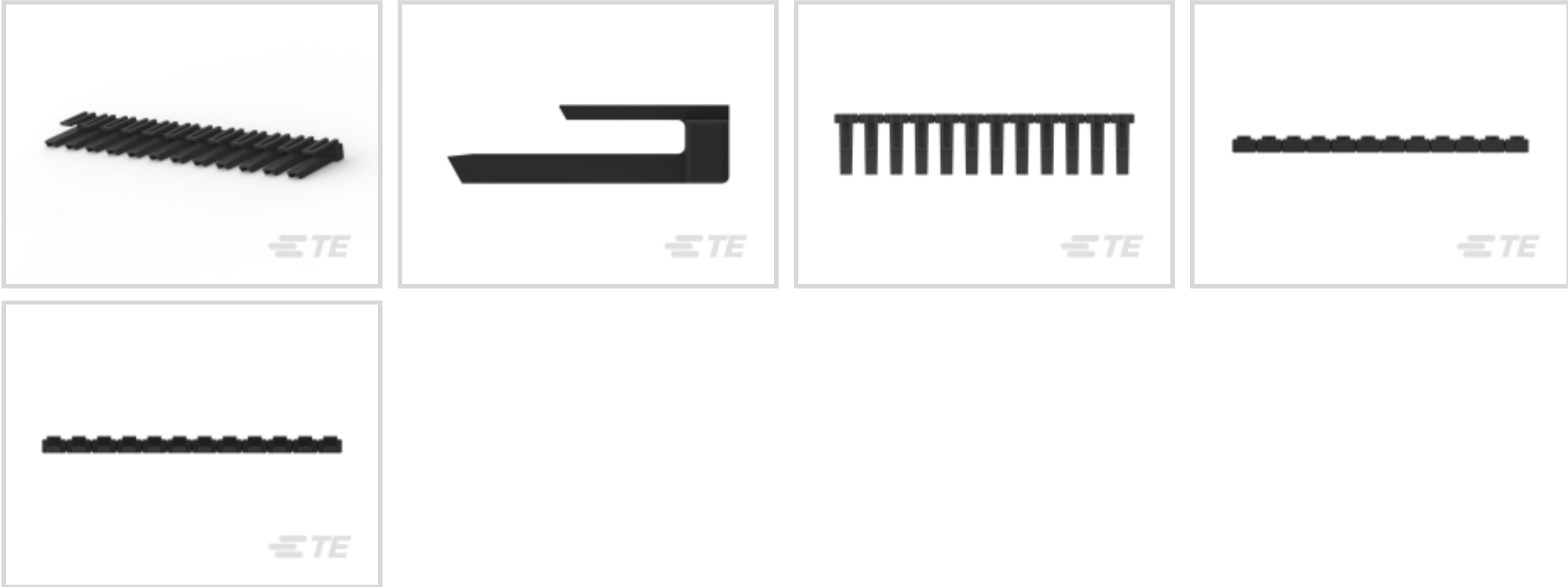




Connectors > Connector Accessories > Connector Hardware



Hardware Accessory Function: **Position Assurance**

Connector Hardware Accessory Type: **TPA (Terminal Position Assurance)**

Primary Product Color: **Black**

Number of Positions: **12**

Operating Temperature (Max): **105 °C [221 °F]**

Features

Product Type Features

Hardware Accessory Function	Position Assurance
Connector Hardware Accessory Type	TPA (Terminal Position Assurance)

Configuration Features

Number of Rows	1
Number of Positions	12

Body Features

Primary Product Color	Black
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Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
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Dimensions

Product Length	47.27 mm[1.86 in]
Product Height	2.65 mm[.104 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
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Operating Temperature Range

-55 - 105 °C[-67 - 221 °F]

Industry Standards

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

Packaging Features

Packaging Quantity	300
Packaging Method	Bag

Product Compliance

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

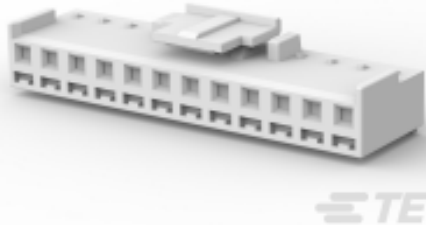
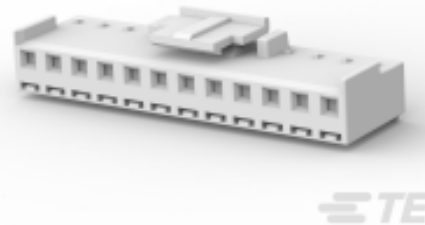
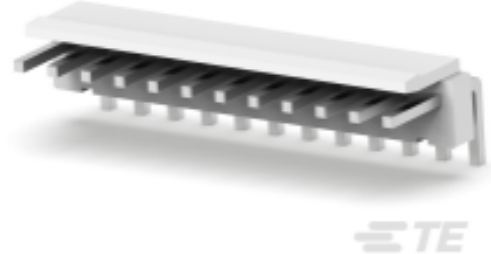
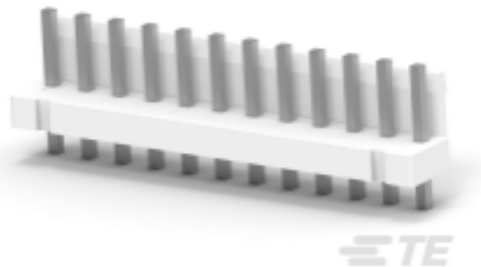
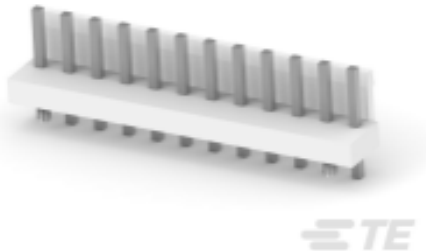
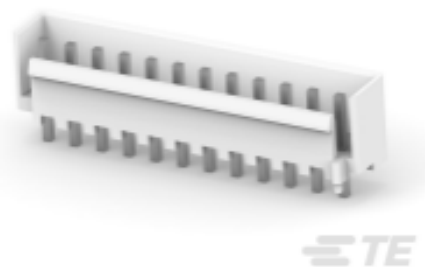
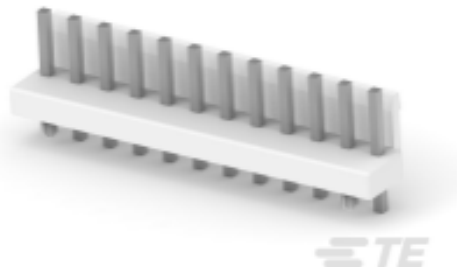
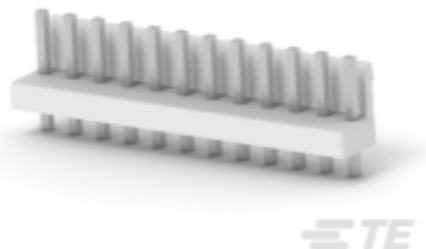
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not 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>

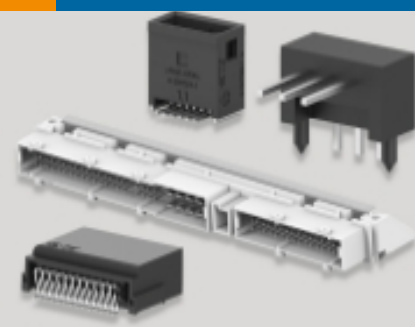
Compatible Parts



 TE Part # 1-2132781-2 12P EP-II HOUSING, NATURAL	 TE Part # 1-1877285-2 12P EP SHRD HDR ASMY, WHITE	 TE Part # 1-1744416-2 12 POS EP II HSG, GLOW WIRE	 TE Part # 1-647676-2 3.96 EP HDR ASSY 12P R/A
 TE Part # 1-647689-2 3.96 EP HDR ASSY 12P(NATURAL)	 TE Part # 1-1744057-2 3.96 EP HDR ASSY 12P W/PEGS	 TE Part # 1-1744427-2 EP Header Asy,Shrouded,12 Pos, GW	 TE Part # 1-1744428-2 3.96 EP HDR ASSY 12P R/A, GW
 TE Part # 1-1744429-2 3.96 EP HDR ASSY 12P W/PEGS, GW	 TE Part # 1-1744489-2 3.96 EP HDR ASY 12P NO PEG, GW	 TE Part # 1744492-3 EP II Housing 03P, Red	 TE Part # 1744492-5 EP II HOUSING 05P, RED

Also in the Series

Economy Power

 Connector Contacts(15)	 Connector Hardware(2)	 Insertion & Extraction Tools(1)	 PCB Headers & Receptacles(399)
 Rectangular Connector Housings(1)	 Rectangular Power Connectors(64)	 Wire-to-Board Connector Assemblies & Housings(142)	

Customers Also Bought





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



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



TE Part # 2132781-4
04P EP-II HOUSING, NATURAL



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



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



TE Part # 521632-2
ULTRA-POD 250 ASSY REC 18-14 AWG TPBR



TE Part # 521586-2
ULTRA-POD 187 ASSY REC 18-16 AWG TPBR



TE Part # 1438246-1
SPLICE, BUTT, HEATER WIRE 18-16 AWG BR



TE Part # 1-1623720-4
CCR2 10R 10% TAPED

Documents

Product Drawings
12 pos. EP II breakaway retain
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-2132782-2_F.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1-2132782-2_F.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-2132782-2_F.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