1744544-4 ✔ ACTIVE

Economy Power II

TE Internal #: 1744544-4

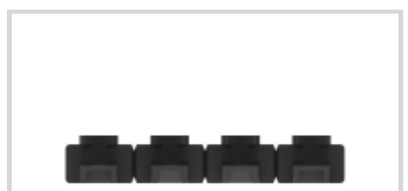
TPA (Terminal Position Assurance), Black, Economy Power II

View on TE.com >

Connectors > Connector Accessories > Connector Hardware







Hardware Accessory Function: **Position Assurance**

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

Primary Product Color: **Black**

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

Operating Temperature Range: **-55 – 105 °C [-67 – 221 °F]**

Features

Product Type Features

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

Body Features

Primary Product Color	Black

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]

Dimensions

Product Width	9.6 mm[.377 in]
Product Length	15.84 mm[.623 in]
Product Height	2.65 mm[.104 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Industry Standards

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

Packaging Features

Packaging Method	Bag
Packaging Quantity	750

Product Compliance

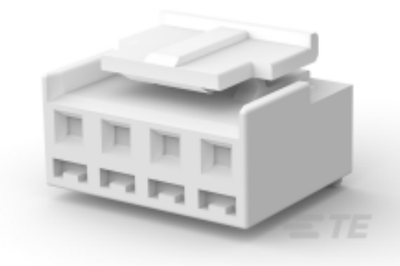
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

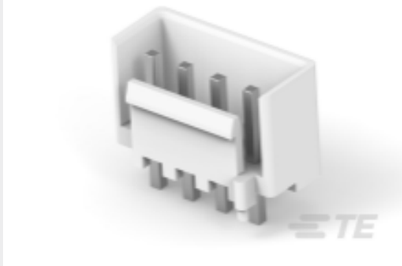
Product Compliance Disclaimer

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

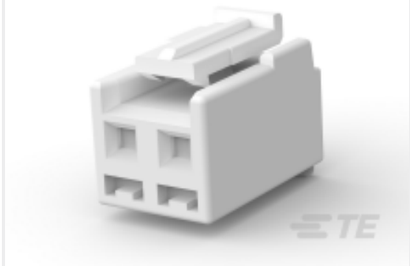
Compatible Parts



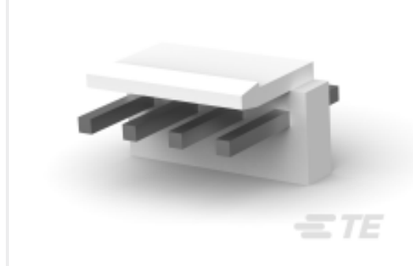
TE Part # 2132781-4
04P EP-II HOUSING, NATURAL



TE Part # 1744427-4
EP Header Asy,Shrouded,4 Pos, GW



TE Part # 2132813-2
2 pos. EP II housing w/rtnr



TE Part # 1744489-4
3.96 EP HDR ASY 04P NO PEG, GW



TE Part # 2132781-5
05P EP-II HOUSING, NATURAL



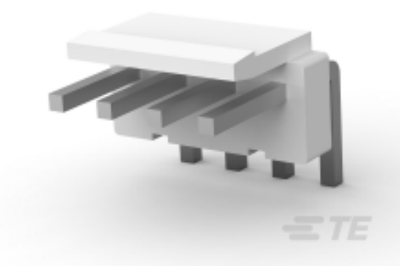
TE Part # 1-1123723-4
3.96 EP HDR ASSY 4P(NATURAL)



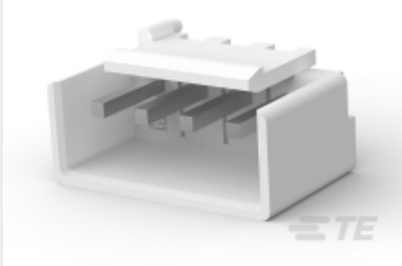
TE Part # 1744428-4
3.96 EP HDR ASSY 4P R/A, GW



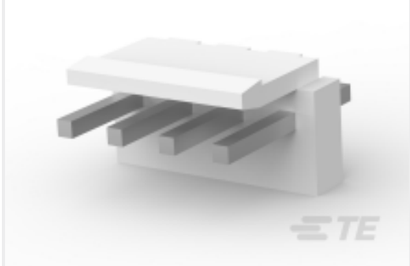
TE Part # 1744416-4
4 POS EP II HSG, GLOW WIRE



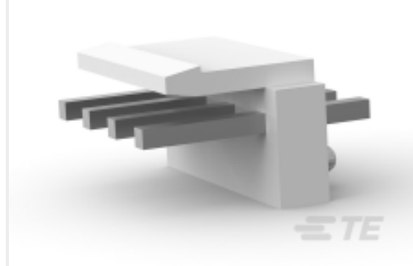
TE Part # 647676-4
3.96 EP HDR ASSY 4P R/A



TE Part # 1877285-4
04P EP SHRD HDR ASMY, WHITE



TE Part # 1744429-4
3.96 EP HDR ASSY 4P W/PEGS, GW

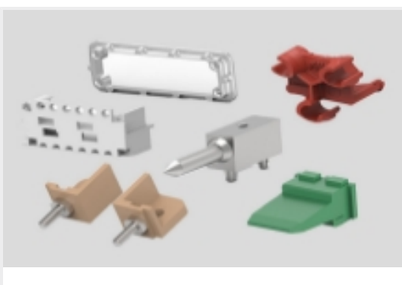


TE Part # 1744057-4
3.96 EP HDR ASSY 4P W/PEGS

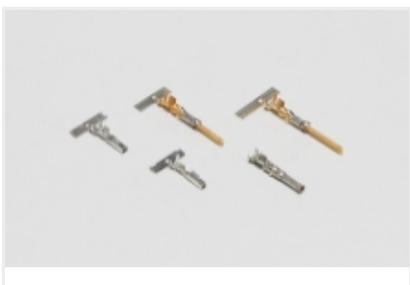
Also in the Series | Economy Power II



Connector Contacts(3)



Connector Hardware(10)



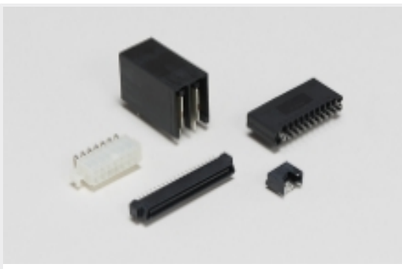
Power Contacts(3)



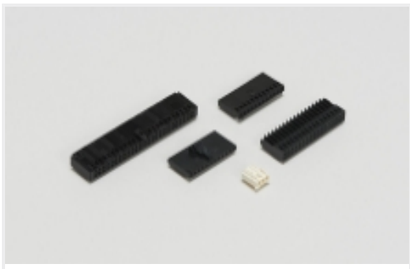
Rectangular Connector Housings(14)



Rectangular Power Connectors(16)



Standard Rectangular Connectors(14)



Wire-to-Board Connector Assemblies & Housings(14)

Customers Also Bought



TE Part #170324-1
187 PL MKII REC. 24-20AWG PTBR



TE Part #CAT-P87024-P729
STD Temp Power Double Lock Plug



TE Part #177916-1
AMP POWER DBL LOCK TAB (S)



TE Part #316770-1
AMP POWER DBL LOCK 1P PLATE



TE Part #440133-6
2.5MM,HSG,6POS



TE Part #521411-1
ULTRA-POD 250 ASY REC 22-18 AWG BR



TE Part #521411-2
ULTRA-POD 250 ASY REC 22-18 AWG TPBR



TE Part #917703-1
2.5 SIGNAL D/LOCK D.L.P 7P



TE Part #1744036-5
05P ECONOMY POWER .200 CL HSG

Documents

Product Drawings

EP II TPA 04P, BLACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1744544-4_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1744544-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1744544-4_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

Economy Power II (EP II) Glow Wire test compliant connectors

English

7-1773458-5_ECONOMY_POWER_QRG

English

Product Specifications

Application Specification

English

Application Specification

English

Agency Approvals

VDE Certificate

English