



Economy Power

TE Internal #: 1123721-2

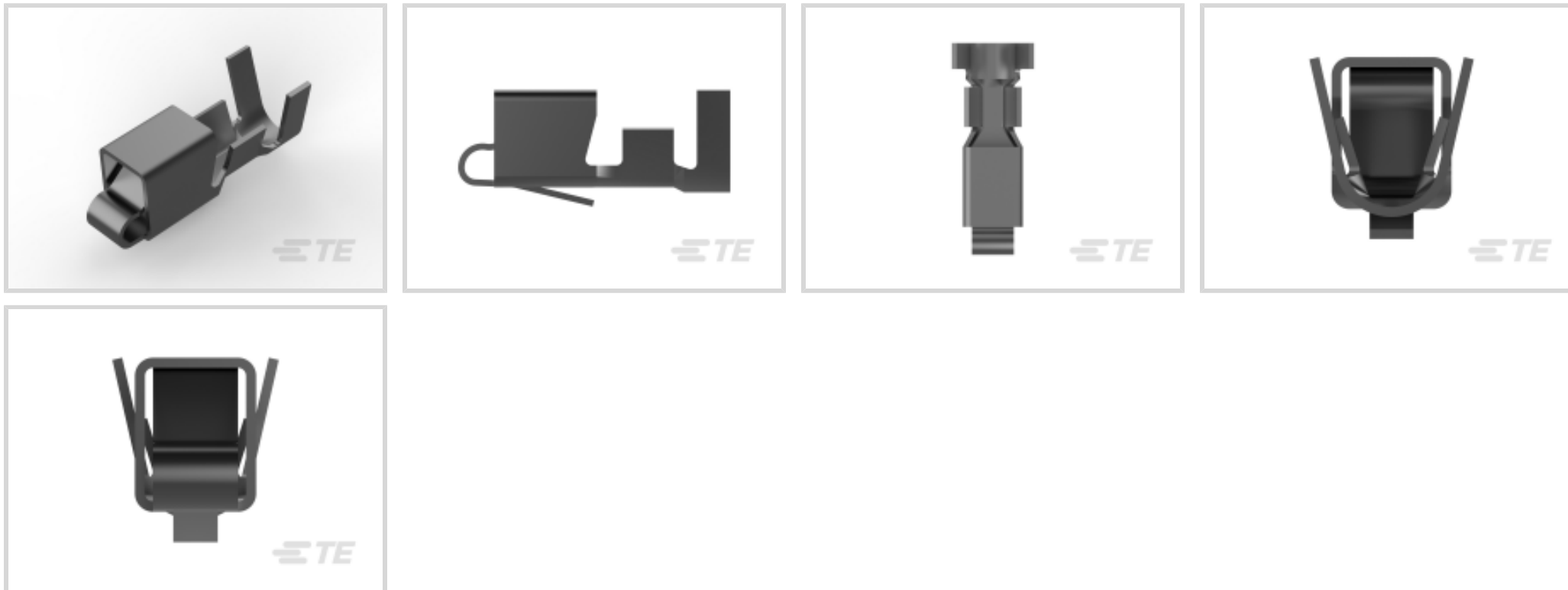
Receptacle Contact, Tin (Sn), 250 VAC, 250 VDC, 22 – 18 AWG, .3 – .

89 mm² Wire, 642 – 1624 CMA, Crimp, Brass, Power, Economy

Power

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Tin (Sn)**

Wire Contact Termination Area Plating Material: **Tin**

Operating Voltage: **250 VDC**

Features

Product Type Features

Sealable	No
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Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Orientation	Straight
Contact Mating Area Plating Material Thickness	.8 – 1.4 μm[31.49 – 55.11 μin]
Mating Square Post Dimension	1.14 mm[.045 in]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Single Beam in Box
Wire Contact Termination Area Plating Thickness	.8 – 1.4 μm[31.49 – 55.11 μin]
Barrel Type	Open
Contact Type	Receptacle
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With



Contact Base Material	Brass
Contact Current Rating (Max)	8 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	1.7 – 3 mm [.066 – .118 in]
Wire Size	642 – 1624 CMA

Usage Conditions

Operating Temperature Range	-25 – 105 °C [-13 – 221 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

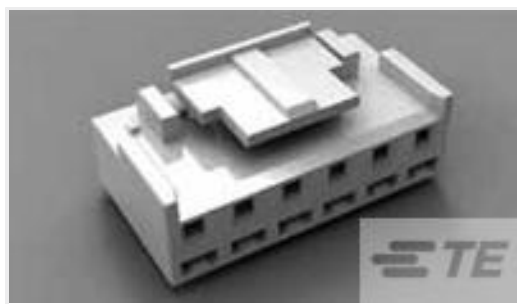
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 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>

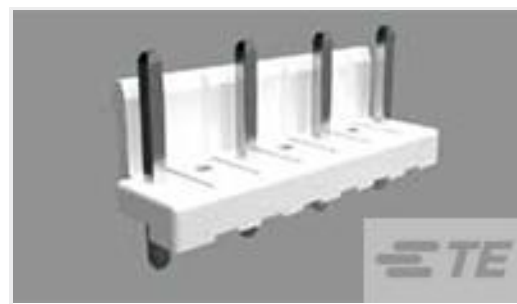
Compatible Parts



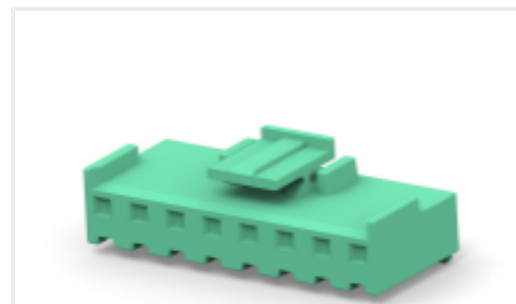
TE Part # 2-1123722-6
 3.96 EP PLUG HSG 6P(YELLOW)



TE Part # 5-1123722-8
 3.96 EP PLUG HSG 8P(BLACK)



TE Part # 4-1123724-5
 3.96EP HDR ASSY 5(9)P RED



TE Part # 6-1123722-8
 3.96 EP PLUG HSG 8P(GREEN)



TE Part # 4-1123722-6
 3.96 EP PLUG HSG 6P(RED)



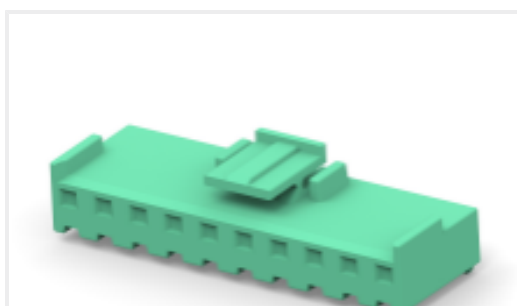
TE Part # 2-1565035-4
 EP CONN. HDR ASSY 4/6P SPECIAL
 (NO.4,5 P)



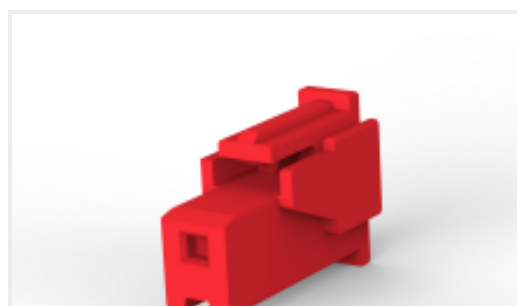
TE Part # 5-1123823-1
 EP 1P PLUG BLACK



TE Part # 4-1123722-0
 3.96 EP PLUG HSG 10P(RED)



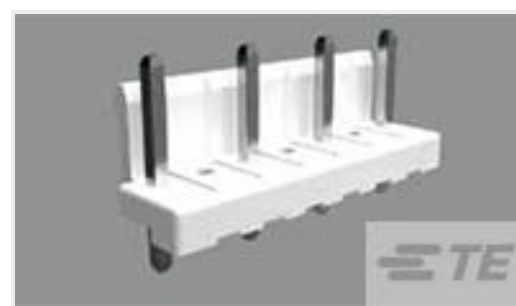
TE Part # 6-1123722-0
 3.96 EP PLUG HSG 10P(GREEN)



TE Part # 4-1123823-1
 EP 1P PLUG RED



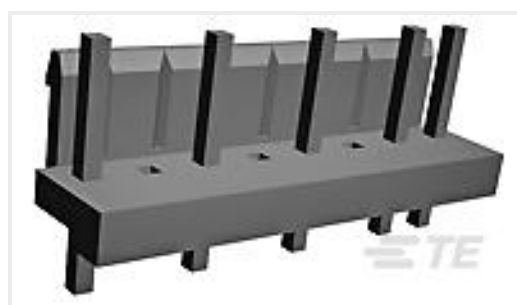
TE Part # 5-1123723-1
 3.96 EP HDR ASSY 11P(BLACK)



TE Part # 3-1123724-5
 3.96EP HDR ASSY 5(9)P BLUE



TE Part # 5-1123722-2
 3.96 EP PLUG HSG 2P(BLACK)



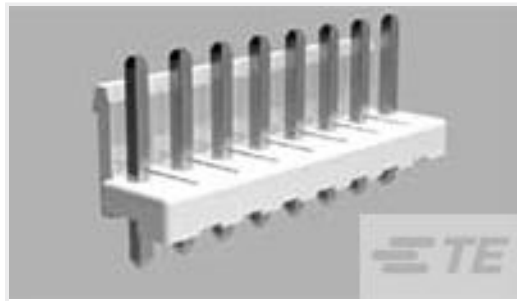
TE Part # 4-1565036-5
 EP CONN.HDR ASSY 5/8P NATURAL
 (NO.2,4,6)



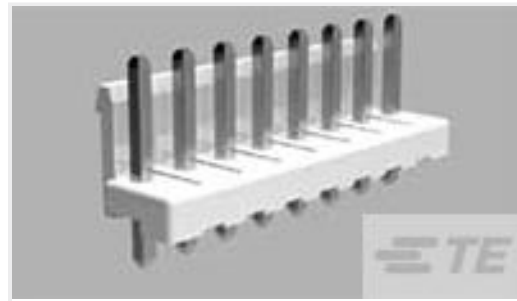
TE Part # 1-1123724-6
 7.92EP HDR ASSY 6P NATURAL



TE Part # 1-1473058-3
 EP CONN HDR 3/6P



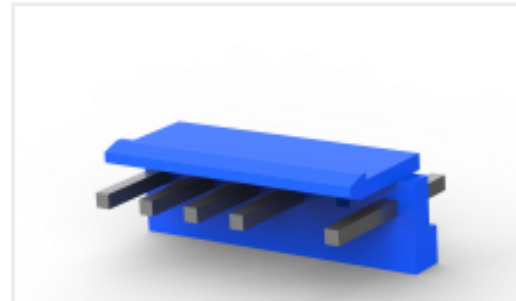
TE Part # 4-1123723-9
3.96 EP HDR ASSY 9P(RED)



TE Part # 3-1123723-0
3.96 EP HDR ASSY 10P(BLUE)



TE Part # 5-1717011-3
EP CONN. HDR ASSY 3/5P SPECIAL

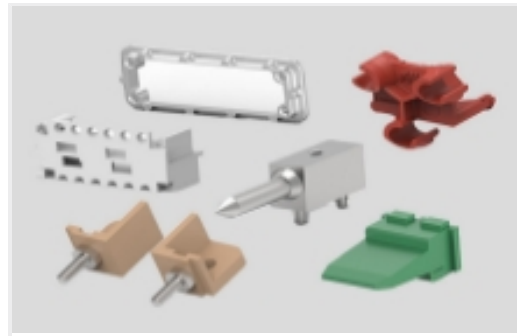


TE Part # 6-1565036-5
EP CONN. HDR ASSY 5/6P W/O#5
BLUE

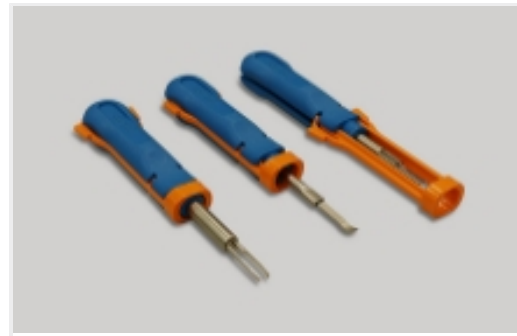
Also in the Series | Economy Power



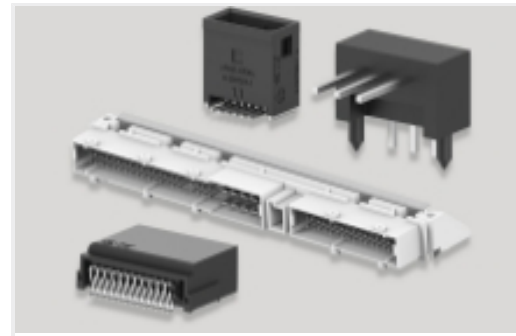
Connector Contacts(15)



Connector Hardware(2)



Insertion & Extraction Tools(1)



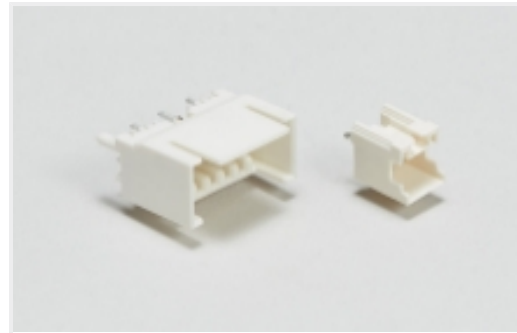
PCB Headers & Receptacles(402)



Power Contacts(9)

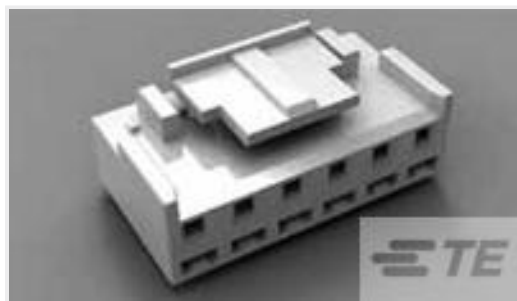


Rectangular Power Connectors(460)



Wire-to-Board Headers & Receptacles
(402)

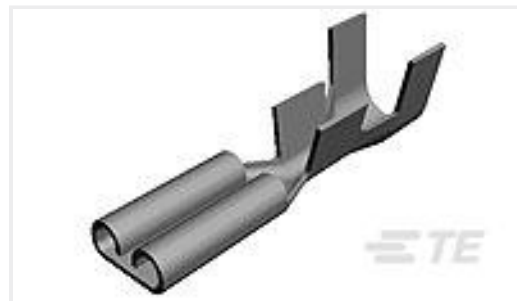
Customers Also Bought



TE Part #1-1123722-3
3.96 EP PLUG HSG 3P(NATURAL)



TE Part #456425-8
CRIMPER WIRE .140 F



TE Part #1217345-1
110 FASTON, REC., 16-18 AWG, BR



TE Part #1-1123722-4
3.96 EP PLUG HSG 4P(NATURAL)



TE Part #1981972-1
GIC2.5W PLUG HOUSING 12POS (2-
ROW) NAT



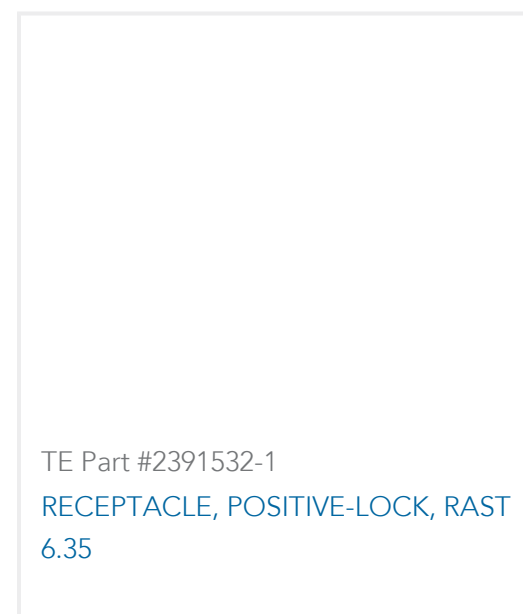
TE Part #1-1123722-2
3.96 EP PLUG HSG 2P(NATURAL)



TE Part #2325347-3
Power Versa-Lock INTERFACE SEAL,
1X3



TE Part #368590-1
PDL 2P DBL PLATE 3.96(GWT) NAT



Documents

Product Drawings

ECONOMY POWER CONN REC CONT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1123721-2_T.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1123721-2_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1123721-2_T.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1123721-2_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1123721-2_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1123721-2_E.2d_dxf.zip](#)

English

3D PDF

English

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Datasheets & Catalog Pages

1-1773885-9 Economy Power Connectors

English

Product Specifications

Application Specification

Japanese



EP Contact for NEW MOTOR CONNECTOR

Japanese

Application Specification

Japanese

Agency Approvals

VDE Certificate

English