



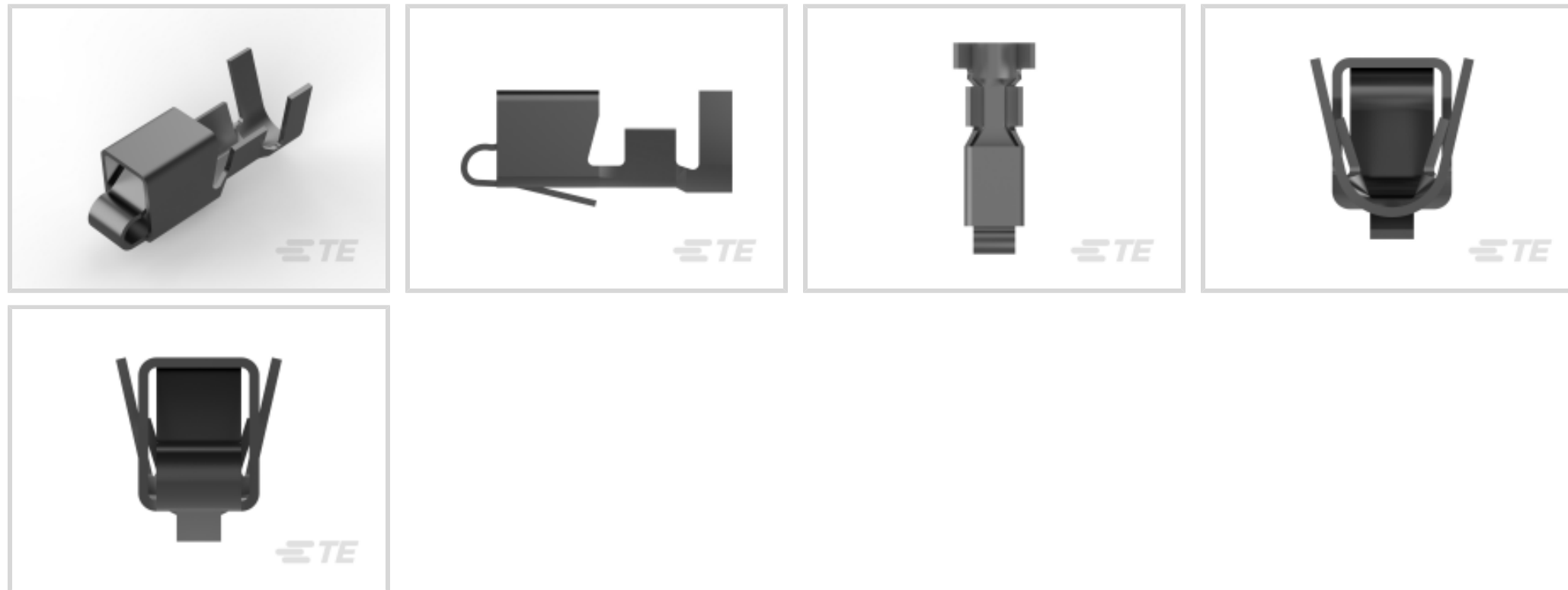
Economy Power

TE Internal #: 1318912-1

Receptacle Contact, Tin (Sn), 250 VAC, 250 VDC, 22 – 18 AWG, .33 – .82 mm² Wire, Crimp, Phosphor Bronze, 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: **Pre-Tin**

Operating Voltage: **250 VDC**

Features

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Orientation	Straight
Mating Square Post Dimension	1.14 mm[.045 in]
Contact Shape & Form	Single Beam in Box
Wire Contact Termination Area Plating Thickness	.8 – 1.4 μm[31.49 – 55.11 μin]
Contact Type	Receptacle
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	8 A

Termination Features

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



Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Compatible Insulation Diameter Range	1.7 – 3 mm [.067 – .118 in]
Wire Size	.33 – .82 mm ²

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	1000
Packaging Method	Bag

Product Compliance

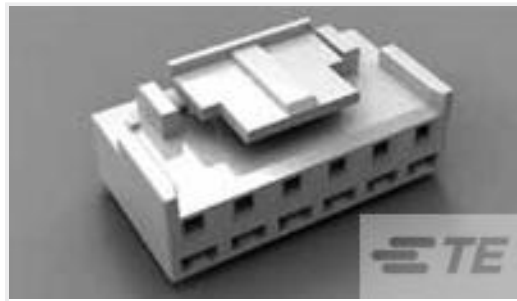
For compliance documentation, visit the product page on [TE.com](#)>

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: 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

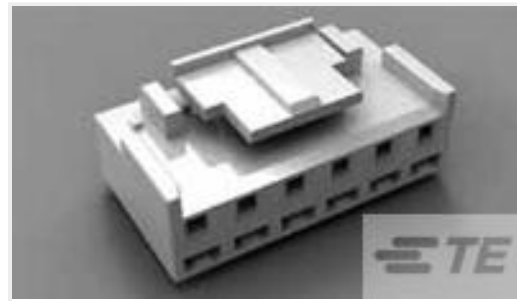
Product Compliance Disclaimer

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>

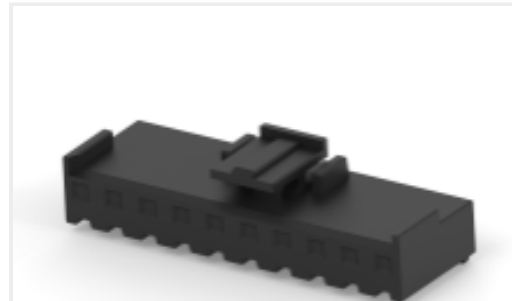
Compatible Parts



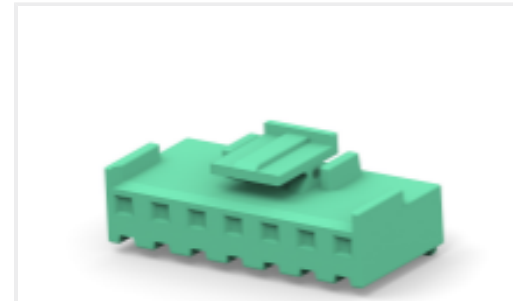
TE Part # 2-1123722-0
3.96 EP PLUG HSG 10P(YELLOW)



TE Part # 4-1123722-8
3.96 EP PLUG HSG 8P(RED)



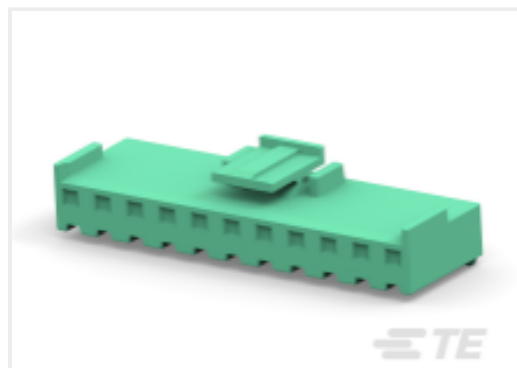
TE Part # 5-1123722-0
3.96 EP PLUG HSG 10P(BLACK)



TE Part # 6-1123722-7
3.96 EP PLUG HSG 7P(GREEN)



TE Part # 2-1123722-3
3.96 EP PLUG HSG 3P(YELLOW)



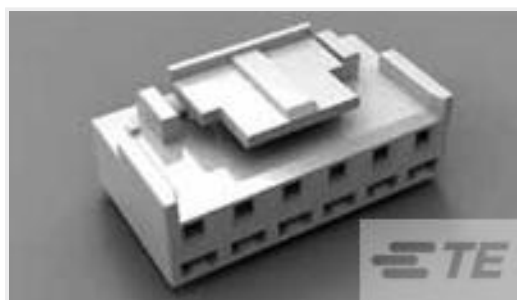
TE Part # 6-1123722-1
3.96 EP PLUG HSG 11P(GREEN)



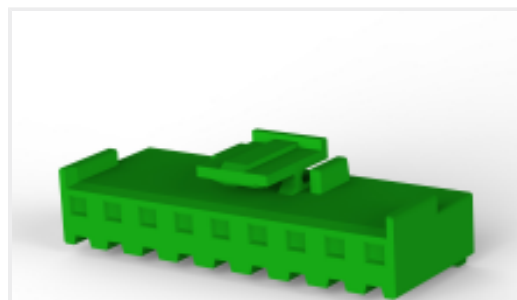
TE Part # 1-1123823-1
EP IP PLUG NATURAL



TE Part # 1-1123722-0
3.96 EP PLUG HSG 10P(NATURAL)



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



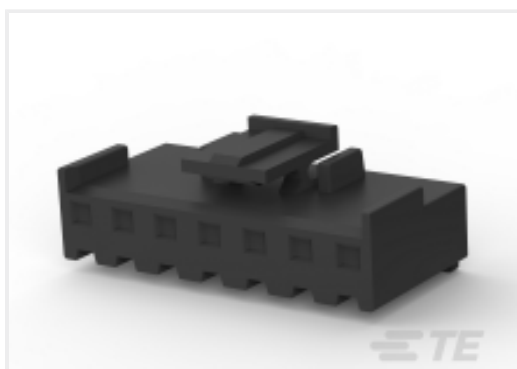
TE Part # 6-1123722-9
3.96 EP PLUG HSG 9P(GREEN)



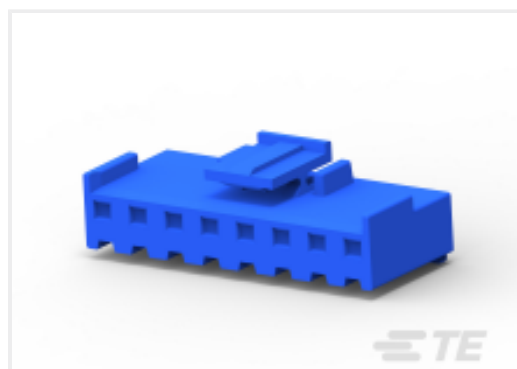
TE Part # 1-1123722-5
3.96 EP PLUG HSG 5P(NATURAL)



TE Part # 3-1123722-6
3.96 EP PLUG HSG 6P(BLUE)



TE Part # 5-1123722-7
3.96 EP PLUG HSG 7P(BLACK)



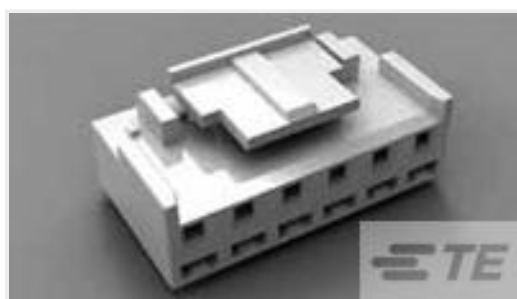
TE Part # 3-1123722-8
3.96 EP PLUG HSG 8P(BLUE)



TE Part # 2-1123722-1
3.96 EP PLUG HSG 11P(YELLOW)



TE Part # 2-1123722-8
3.96 EP PLUG HSG 8P(YELLOW)



TE Part # 4-1123722-1
3.96 EP PLUG HSG 11P(RED)



TE Part # 5-1123722-1
3.96 EP PLUG HSG 11P(BLACK)



TE Part # 4-1123722-7
3.96 EP PLUG HSG 7P(RED)

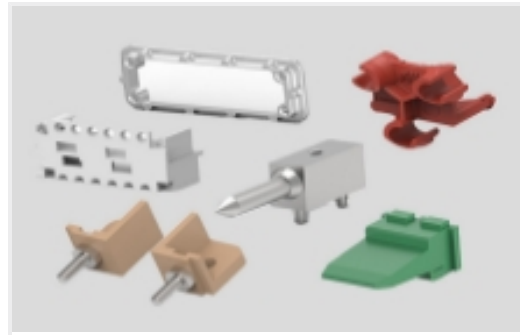


TE Part # 5-1123722-4
3.96 EP PLUG HSG 4P(BLACK)

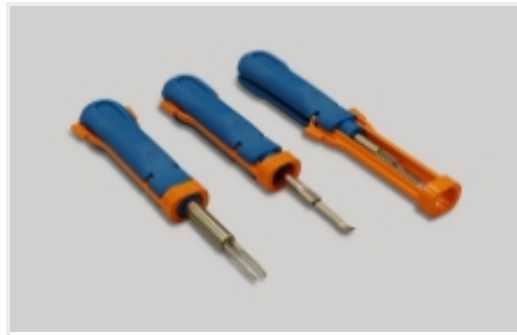
Also in the Series | Economy Power



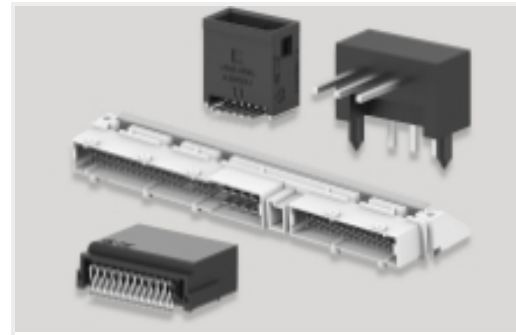
Connector Contacts(15)



Connector Hardware(2)



Insertion & Extraction Tools(1)



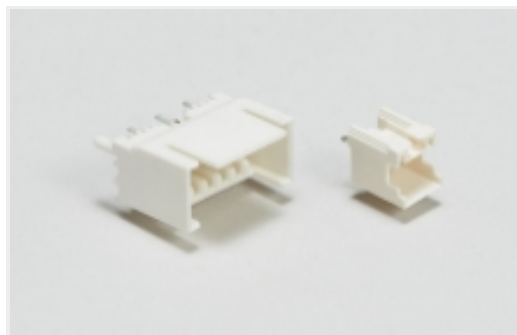
PCB Headers & Receptacles(402)



Power Contacts(9)



Rectangular Power Connectors(460)

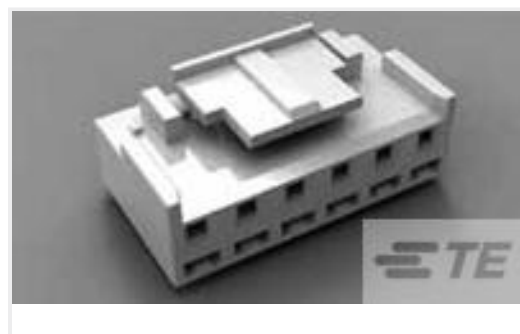


Wire-to-Board Headers & Receptacles (402)

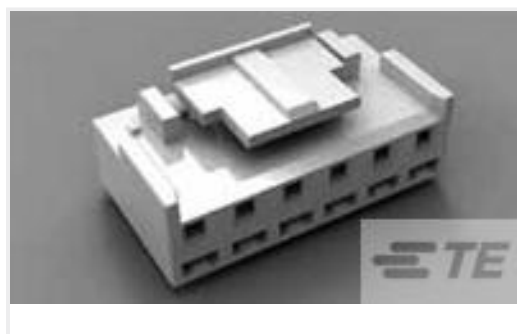
Customers Also Bought



TE Part #4-2176633-5
SQMB10 68R (WIRE) 5%



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



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



TE Part #TAA545B1411-001
M12A4-MS-FS-PVC-0.5M



TE Part #104482-2
06 SHORT PT RCPT HSG DR .100CL



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



TE Part #91579-1
CCII ECON POWER REC 20-16 ASSY



TE Part #7-1123722-3
3.96 EP PLUG HSG 3P(NATURAL)



TE Part #1-1123722-5
3.96 EP PLUG HSG 5P(NATURAL)



TE Part #3-1123722-6
3.96 EP PLUG HSG 6P(BLUE)



Documents

Product Drawings

EP CONN LP REC

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1318912-1_T.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1318912-1_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1318912-1_T.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1318912-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1318912-1_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1318912-1_E.2d_dxf.zip](#)

English

3D PDF

English

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Product Specifications

Application Specification

Japanese