



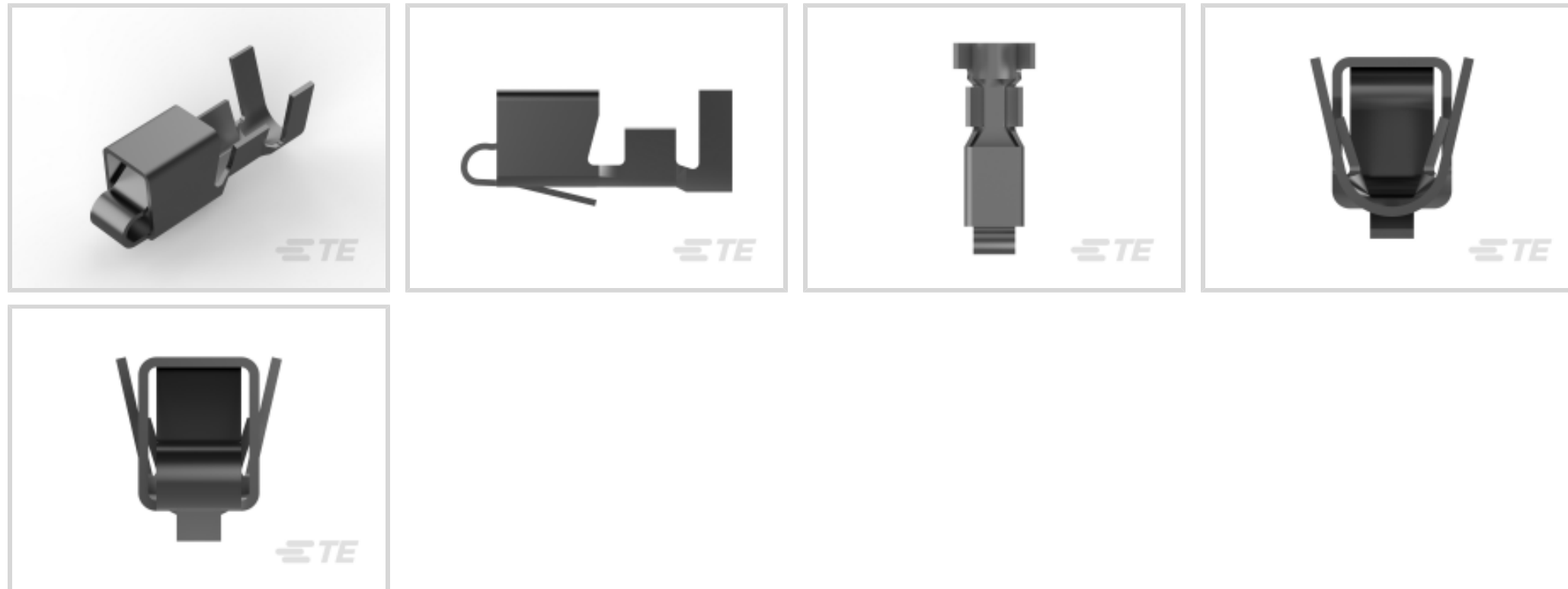
Economy Power

TE Internal #: 1123721-1

Tin (Sn), Receptacle Contact, 22 – 18 AWG, 250 VAC, 250 VDC, .3 – .89 mm² Wire, Locking Lance Contact Retention, 642 – 1624 CMA, Crimp, 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

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	Phosphor Bronze
Contact Current Rating (Max)	8 A
Mating Square Post Dimension	1.14 mm[.045 in]
Contact Mating Area Plating Material Thickness	.8 – 1.4 μm[31.49 – 55.11 μin]
Wire Contact Termination Area Plating Thickness	.8 – 1.4 μm[31.49 – 55.11 μin]
Wire Contact Termination Area Plating Material Finish	Matte



Contact Orientation	Straight
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Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	With

Dimensions

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

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	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	Low Halogen - Br, Cl, F < 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 # 5-1123722-8
3.96 EP PLUG HSG 8P(BLACK)



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



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



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



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



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



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



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



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



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



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



TE Part # 6-1123724-2
3.96EP HDR ASSY 2(3)P GREEN



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



TE Part # 2-1123723-2
3.96 EP HDR ASSY 2P(YELLOW)



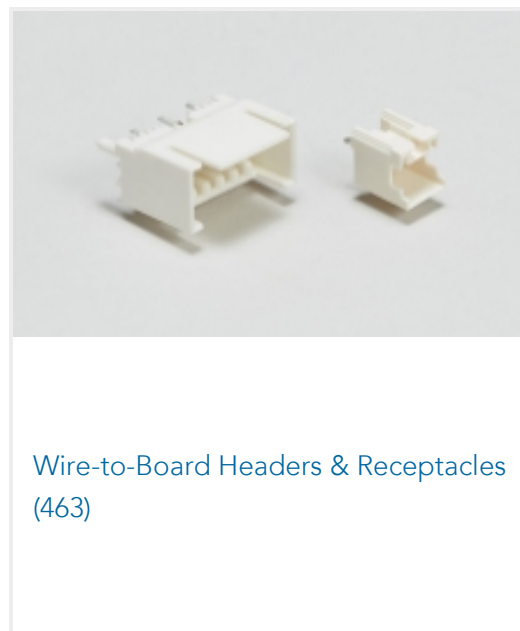
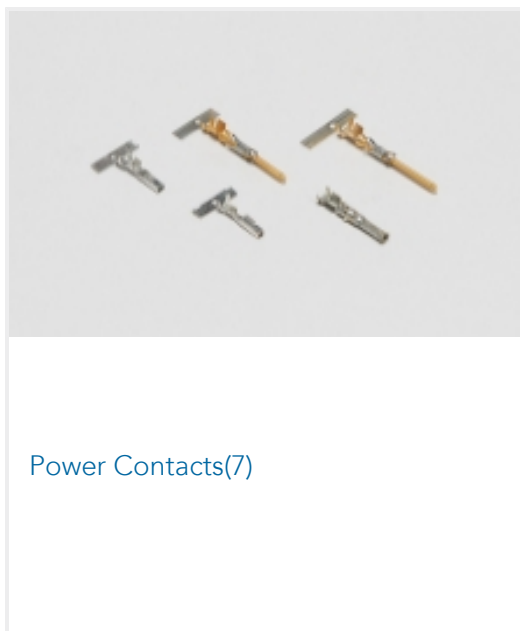
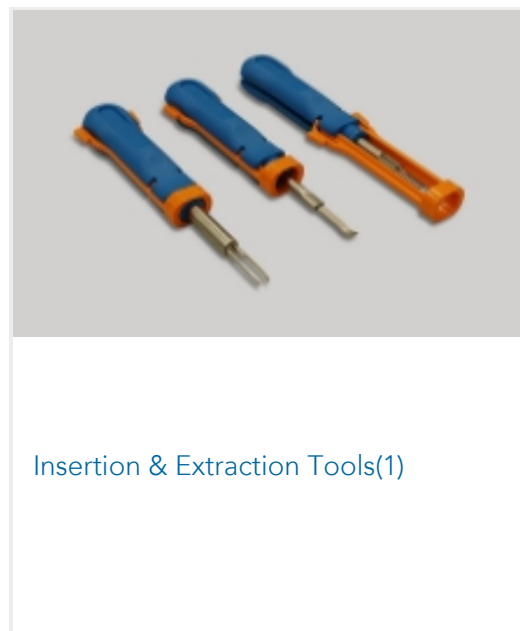
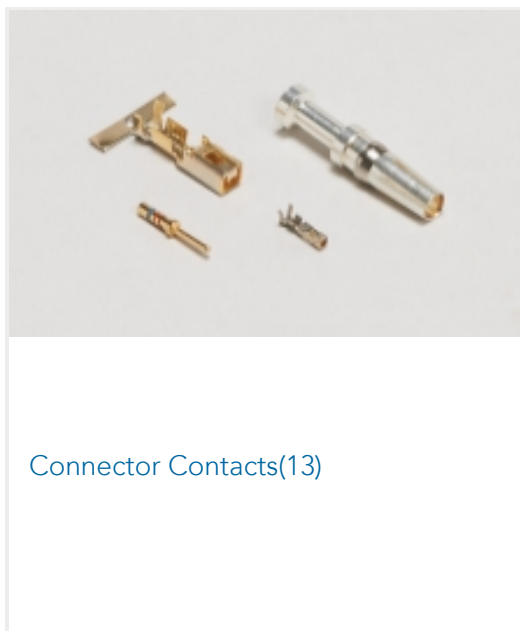
TE Part # 1-1123724-4
3.96EP HDR ASSY 4(7)P NATURAL



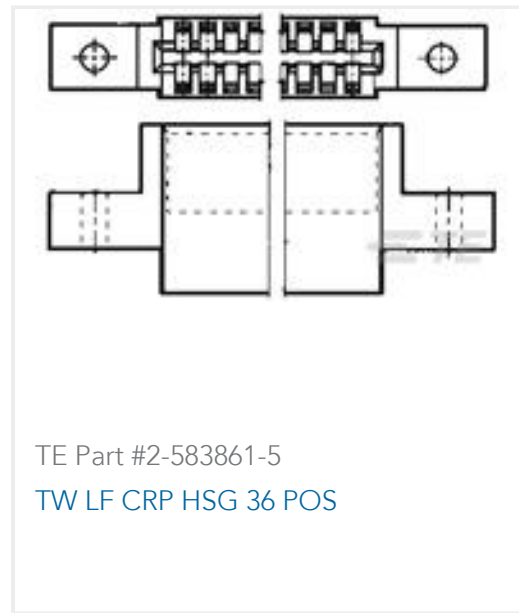
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EP CONN HDR ASSY 3.96/7.92MM P

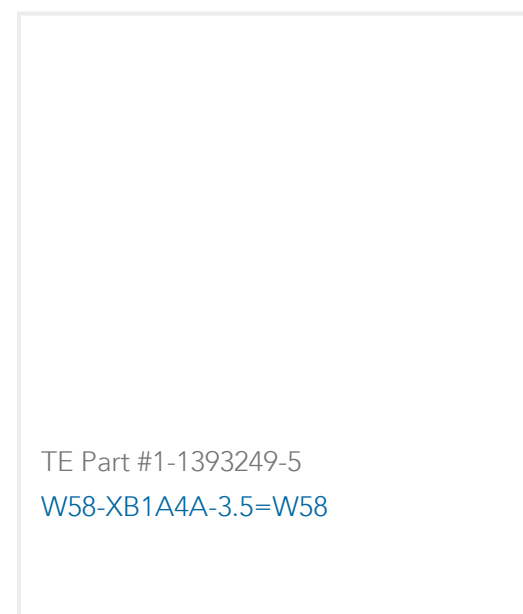
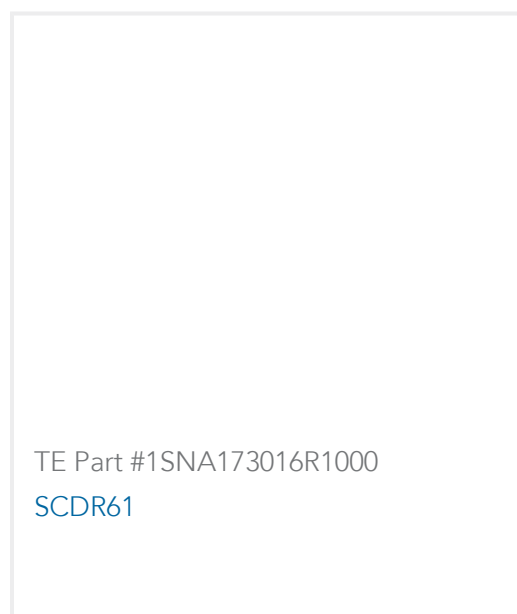


Also in the Series | Economy Power



Customers Also Bought





Documents

Product Drawings

EP CONN. REC CONTACT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1123721-1_T.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1123721-1_T.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1123721-1_T.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1123721-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1123721-1_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1123721-1_E.2d_dxf.zip](#)

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

Japanese

EP Contact for NEW MOTOR CONNECTOR

Japanese

Application Specification



Japanese

[Application Specification](#)

English

[Instruction Sheets](#)

[Instruction Sheet \(non U.S.\)](#)

Japanese

[Economy Power \(EP\) Connector](#)

Japanese

[Agency Approvals](#)

[VDE Certificate](#)

English