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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 # 6-1123722-7 3.96 EP PLUG HSG 7P(GREEN)	TE Part # 2-1123722-0 3.96 EP PLUG HSG 10P(YELLOW)	TE Part # 5-1123722-0 3.96 EP PLUG HSG 10P(BLACK)	TE Part # 4-1123722-8 3.96 EP PLUG HSG 8P(RED)
TE Part # 7-1565035-5 EP CONN.HDR ASSY 5/6POS SPECIA	TE Part # 5-1565606-4 EP CONN HEADER ASS'Y 4/6P BLACK	TE Part # 1-1565036-4 3.96 EP CONN. HDR ASSY 4/8P NATURAL	TE Part # 1-1717011-4 EP CONN.HDR ASSY 4/5POS SPECIA
TE Part # 1-1565033-2 EP CONN HDR ASSY 2/4P SPECIAL	TE Part # 6-1123723-6 3.96 EP HDR ASSY 6P(GREEN)	TE Part # 6-1123723-0 3.96 EP HDR ASSY 10P(GREEN)	TE Part # 6-1123724-5 3.96EP HDR ASSY 5(9)P GREEN
TE Part # 2-1123722-3 3.96 EP PLUG HSG 3P(YELLOW)	TE Part # 4-1123724-3 3.96EP HDR ASSY 3(5)P RED	TE Part # 5-1565036-7 EP CONN.HDR ASSY 7/8POS SPECIA	TE Part # 2-1123722-5 3.96 EP PLUG HSG 5P(YELLOW)



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

TE Part # 1-1473059-3
EP CONN POST HDR 3/4P

TE Part # 5-1123723-8
3.96 EP HDR ASSY 8P(BLACK)

TE Part # 5-1123724-4
3.96EP HDR ASSY 4(7)P 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 #2-2371404-4
SGI 1.25 Plug HSG, 4P, Key B, Black

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

TE Part #3-641535-2
02P MTA100 CONN ASSY LF

TE Part #3-1622825-1
RL73K 2B R68 5% 5K RL

TE Part #1376386-2
5mm B-T-W Conn. 4P(2row) HDR A

TE Part #626378-1
250 FASTON TAB 18-14 AWG BR

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

TE Part #63757-1
250 FASTON REC 16-12 AWG BR



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

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

Product Specifications

Application Specification

Japanese



EP Contact for NEW MOTOR CONNECTOR

Japanese

Application Specification

Japanese

Agency Approvals

VDE Certificate

English