



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 Shape & Form	Single Beam in Box
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
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

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
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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

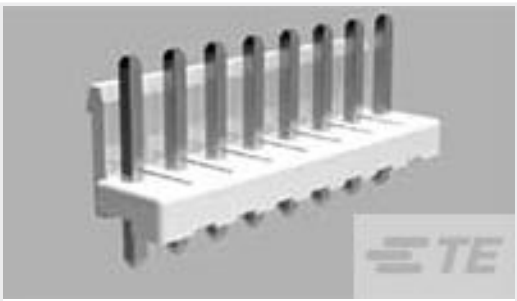
Product Compliance Disclaimer



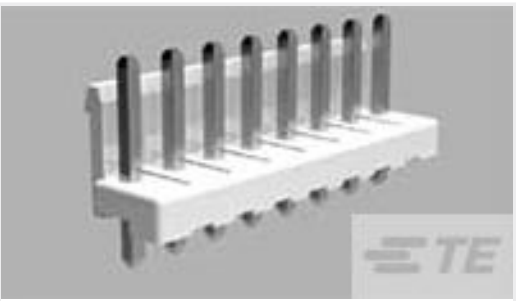
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 3-1734087-1 11p HPI 3.96 RECEPTACLE HSG, Black	TE Part # 6-1123722-0 3.96 EP PLUG HSG 10P(GREEN)	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 # 4-1123724-5 3.96EP HDR ASSY 5(9)P RED	TE Part # 4-1123722-6 3.96 EP PLUG HSG 6P(RED)	TE Part # 5-1123722-8 3.96 EP PLUG HSG 8P(BLACK)	TE Part # 4-1123722-0 3.96 EP PLUG HSG 10P(RED)
TE Part # 2-1123722-6 3.96 EP PLUG HSG 6P(YELLOW)	TE Part # 5-1123823-1 EP 1P PLUG BLACK	TE Part # 1-1473058-3 EP CONN HDR 3/6P	TE Part # 5-1123724-5 3.96EP HDR ASSY 5(9)P BLACK
TE Part # 7-1565036-5 EP CONN HDR ASSY 3.96/7.92MM P	TE Part # 4-1565036-5 EP CONN.HDR ASSY 5/8P NATURAL (NO.2,4,6)	TE Part # 4-1123823-1 EP 1P PLUG RED	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 # 3-1123723-1
3.96 EP HDR ASSY 11P(BLUE)



TE Part # 6-1123723-1
3.96 EP HDR ASSY 11P(GREEN)

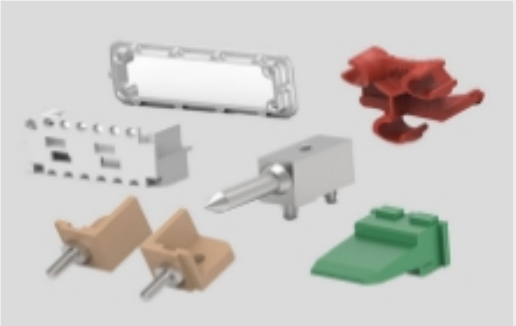


TE Part # 6-1123724-2
3.96EP HDR ASSY 2(3)P GREEN

Also in the Series | Economy Power



Connector Contacts(13)



Connector Hardware(2)



Power Contacts(7)



Rectangular Connector Housings(104)



Rectangular Power Connectors(547)



Standard Rectangular Connectors(104)

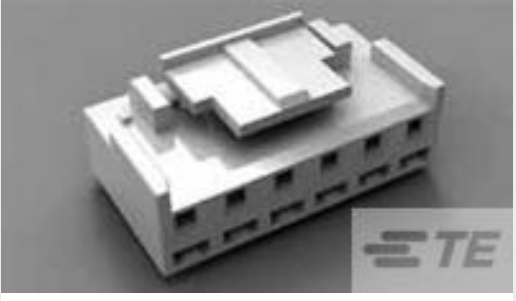


Wire-to-Board Connector Assemblies & Housings(104)

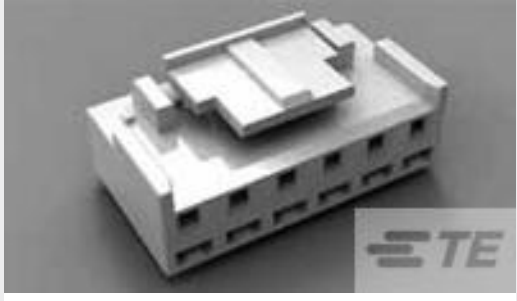
Customers Also Bought



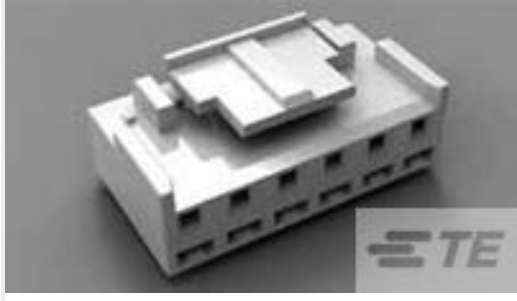
TE Part #0600-00028
ANT,900MHZ,2.5DBI



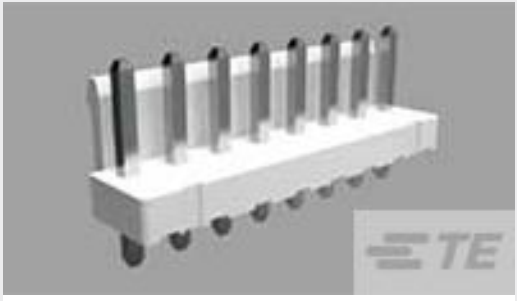
TE Part #1-1123722-2
3.96 EP PLUG HSG 2P(NATURAL)



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



TE Part #1-1123722-7
3.96 EP PLUG HSG 7P(NATURAL)



TE Part #1744037-2
02P EC PWR.200 CL HDR ASSY VRT



TE Part #2-1879501-9
CRGH2512 5% 15R 2W



TE Part #2071556-7
OJS-SH-112HMF,00000



TE Part #2-2176246-5
CRGS2512 5% 100R



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

7-1773458-5_ECONOMY_POWER_QRG

English

Product Specifications

Application Specification

Japanese



EP Contact for NEW MOTOR CONNECTOR

Japanese

Application Specification

Japanese

Agency Approvals

VDE Certificate

English