



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**
Connector & Housing Type: **Plug**
Connector System: **Wire-to-Board**
Number of Positions: **10**
Centerline (Pitch): **3.96 mm [.156 in]**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	10
Number of Rows	1

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	1500 VAC
Insulation Resistance	1000 MΩ
Operating Voltage	250 VAC

Contact Features

Contact Layout	Inline
Contact Type	Socket
Contact Current Rating (Max)	8 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Entry Configuration	Both Ends Closed
Housing Material	Nylon - GF
Centerline (Pitch)	3.96 mm [.156 in]
Housing Color	Blue

Dimensions

Connector Length	39.54 mm [1.557 in]
Connector Height	10.5 mm [.413 in]
Connector Width	13.3 mm [.524 in]
Accepts Wire Insulation Diameter Range	1.7 – 3 mm [.067 – .118 in]
Wire Size	.34 – .75 mm ²

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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Packaging Features

Packaging Quantity	800
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: JUNE 2022
(224)
Candidate List Declared Against: JAN 2020
(205)
SVHC > Threshold:
Not Yet Reviewed

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 1318912-1 EP CONN LP REC	 TE Part # 1123721-2 ECONOMY POWER CONN REC CONT	 TE Part # 1-1744416-0 10 POS EP II HSG, GLOW WIRE	 TE Part # 1123721-1 EP CONN. REC CONTACT
 TE Part # 1-1744498-0 10P EP-II HOUSING, BLACK	 TE Part # 3-1123723-0 3.96 EP HDR ASSY 10P(BLUE)	 TE Part # 7-1123722-0 3.96 EP PLUG HSG 10P(NATURAL)	 TE Part # 8-1123722-3 3.96 EP PLUG HSG 3P(NATURAL)

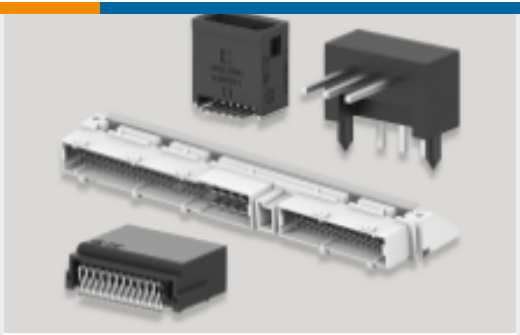
Also in the Series | Economy Power



Connector Contacts(1)



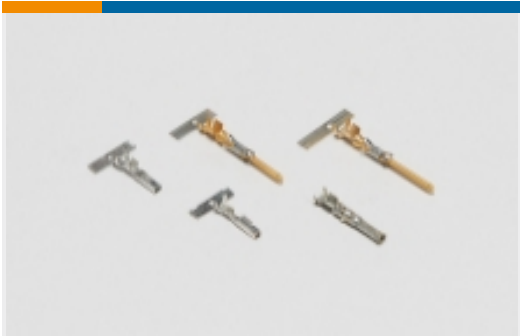
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(166)



PCB Latches, Locks & Retainers(2)



Power Contacts(8)



Rectangular Connector Housings(1)



Rectangular Power Connectors(301)

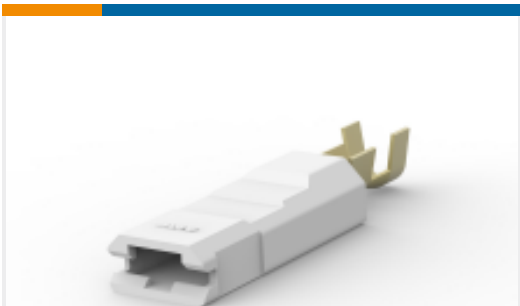


Wire-to-Board Connector Assemblies & Housings(141)



Wire-to-Board Connector Contacts(6)

Customers Also Bought



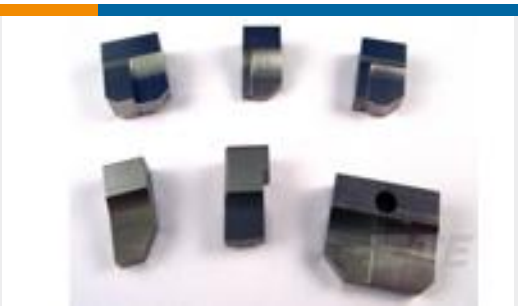
TE Part #1969104-1
ULTRA POD: Straight, Receptacle Assembly, Unplated, .250 inch



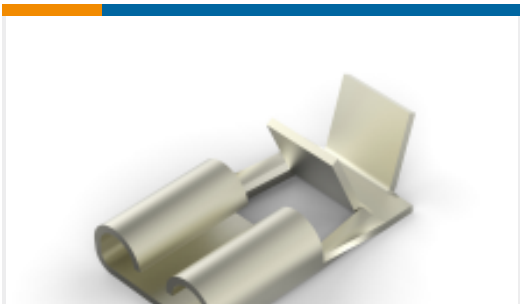
TE Part #644267-2
SL156 HSG (YELLOW)



TE Part #1-521253-3
PL MKIII & FASTON 250 HSG 2P NYLON GREEN



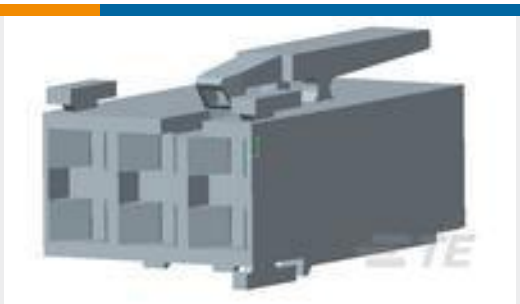
TE Part #1-853088-0
ANVIL



TE Part #1217972-2
250 FASTON,FLAG,REC.,18-14 AWG, NPST



TE Part #1385719-1
UP.250 STRAIGHT SA110F220F LM



TE Part #2-1241817-3
STD TIM HOUSING MKII 3POS



TE Part #938365P002
VERSAFIT-1/8-0-0.75IN-ST

Documents



Product Drawings

3.96 EP PLUG HSG 10P(BLUE)

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1123722-0_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1123722-0_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1123722-0_N.3d_stp.zip

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

ECONOMY POWER(EP) CONNECTOR(BRASS)

Japanese

ECONOMY POWER(EP) CONNECTOR(BRASS)

Japanese

ECONOMY POWER(EP) CONNECTOR(BRASS)

English

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

Economy Power (EP) Connector

Japanese