

3.96 EP PLUG HSG 4P(NATURAL) ✓ ACTIVE

Economy Power

TE Part # 1-1123722-4

TE Internal #: 1-1123722-4

[View on TE.com >](#)



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Product Type: **Housing**
Housing Type: **Plug**
Connector System: **Wire-to-Board**
Number of Positions: **4**
Centerline (Pitch): **3.96 mm [.156 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions	4
Number of Rows	1

Electrical Characteristics

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

Contact Features

Contact Layout	Inline
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Contact Current Rating (Max)	8 A
Contact Retention	Without

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Mating Alignment	Without
Connector Mounting Type	Board Mount
Mating Retention	With
Mating Retention Type	Latch, Locking Latch

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
UL Flammability Rating	UL 94V-0
Housing Color	Natural
Housing Material	Nylon 66

Dimensions

Width	13.3 mm[.524 in]
Accepts Wire Insulation Diameter Range	1.7 – 3 mm[.067 – .118 in]
Height	10.5 mm[.413 in]
Length	15.78 mm[.621 in]

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 Method	Bag
Packaging Quantity	2000

Product Compliance

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

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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	ECHAによる現在の候補リスト: 2019年1月(197) 候補リストの表記: 2019年1月(197)
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

Power Contacts(3)

Rectangular Power Connectors(18)

Wire-to-Board Connector Contacts(1)

Wire-to-Board Headers & Receptacles(13)

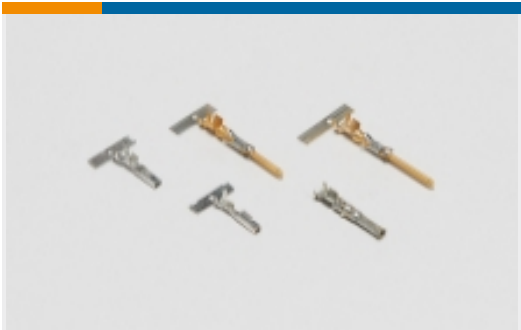
Also in the Series | Economy Power

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TE Part # 1-1123722-4
TE Internal #: 1-1123722-4



PCB Latches, Locks & Retainers(1)



Power Contacts(5)



Rectangular Connector Housings(1)



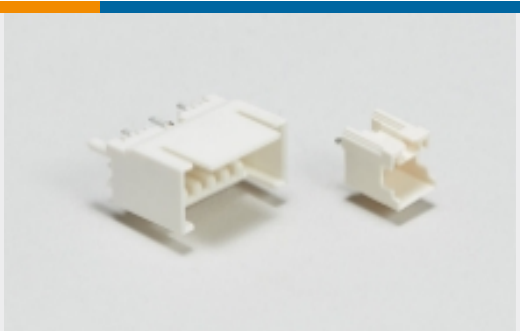
Rectangular Power Connectors(269)



Wire-to-Board Connector Contacts(7)



Wire-to-Board Connector Housings(42)

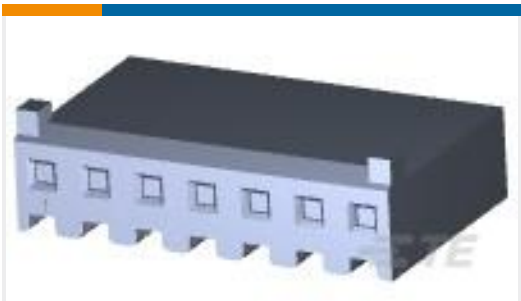


Wire-to-Board Headers & Receptacles(170)

Customers Also Bought



TE Part #1318912-1
EP CONN LP REC



TE Part #770849-7
07P SL156 HSG W/LCK RMP & TABS



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



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



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



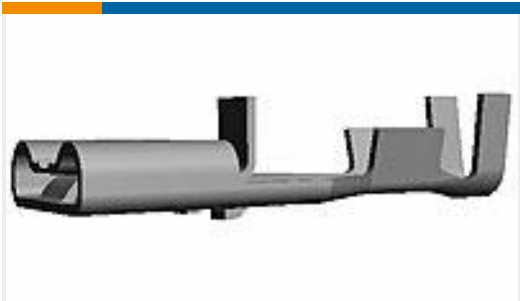
TE Part #176498-1
POSITIVE LOCK 187 (4.8 MM) HOUSING



TE Part #1123721-2
ECONOMY POWER CONN REC CONT



TE Part #177918-1
POWER DBL LOCK PLATE 2P



TE Part #170328-1
PL 250 REC 18-14 AWG 0.4 X 19.0 PRE-BR



TE Part #1123721-1
EP CONN. REC CONTACT

Documents

3.96 EP PLUG HSG 4P(NATURAL)

TE Part # 1-1123722-4
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Product Drawings

3.96 EP PLUG HSG 4P(NATURAL)

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1123722-4_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1123722-4_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1123722-4_M.3d_stp.zip

English

Datasheets & Catalog Pages

1-1773885-9 Economy Power Connectors

English

Product Specifications

Product Specification

English

ECONOMY POWER(EP) CONNECTOR(BRASS)

Japanese

ECONOMY POWER(EP) CONNECTOR(BRASS)

Japanese

ECONOMY POWER(EP) CONNECTOR(BRASS)

English

Product Environmental Compliance

MD_1-1123722-4_09062018629_dmtec

English

MD_1-1123722-4_09062018629_dmtec

English

Instruction Sheets

Economy Power (EP) Connector

Japanese

Instruction Sheet (non U.S.)

Japanese

Agency Approvals

UL Report

English

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