

3.96 EP PLUG HSG 5P(BLACK) ✓ ACTIVE

Economy Power

TE Part # 5-1123722-5

TE Internal #: 5-1123722-5

[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: **5**  
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 | 5 |
| 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 |
|------------------------------------|-------|

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          | Black            |
| 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                                 | 19.74 mm[.7772 in]         |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -25 – 105 °C[-13 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

|                  |                               |
|------------------|-------------------------------|
| Glow Wire Rating | Standard Part - Not Glow Wire |
|------------------|-------------------------------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Method   | Bag  |
| Packaging Quantity | 1600 |

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        | 欧洲化学品管理局最新发布的SvHCs候选清单: 2019年1月（197）<br>SvHCs候选清单的声明更新至: 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(2)

Wire-to-Board Headers & Receptacles(14)

Also in the Series | Economy Power

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TE Part # 5-1123722-5  
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PCB Latches, Locks & Retainers(1)



Power Contacts(5)



Rectangular Connector Housings(1)



Rectangular Power Connectors(269)



Wire-to-Board Connector Contacts(7)

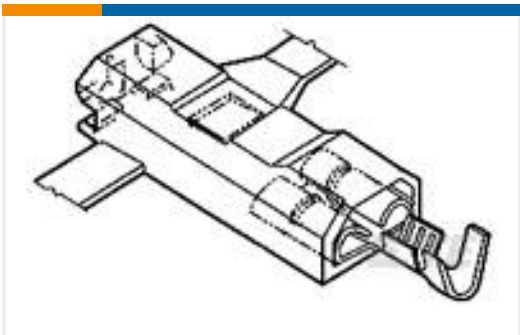


Wire-to-Board Connector Housings(42)



Wire-to-Board Headers & Receptacles(170)

Customers Also Bought



TE Part #1969104-1  
ULTRA-POD 250 ASSY  
REC 18-14 AWG BR



TE Part #1969110-2  
ULTRA-POD 250 ASSY  
REC 18-14 AWG TPBR



TE Part #42190-1  
AUTO FLAG RING 18-12 8  
TPBR



TE Part #521442-1  
FASTON 250 REC HSG  
2CIR NYLON NAT



TE Part #521596-1  
ULTRA-POD 187 ASY REC  
22-18 .187X.020 BR



TE Part #6-1123722-5  
3.96 EP PLUG HSG 5P  
(GREEN)



TE Part #219838-000  
DWP-125-1/4-0-1.875IN



TE Part #121397P028  
ES2000-NO.3-B8-0-95MM



TE Part #938365P003  
VERSAFIT-1/8-0-0.6IN-ST

Documents

3.96 EP PLUG HSG 5P(BLACK)

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Product Drawings

3.96 EP PLUG HSG 5P(BLACK)

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5-1123722-5\_M.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-1123722-5\_M.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-1123722-5\_M.3d\_stp.zip

English

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

Product Specification

English

Product Environmental Compliance

MD\_5-1123722-5\_02212018922\_dmtec

English

MD\_5-1123722-5\_02212018922\_dmtec

English

Instruction Sheets

Economy Power (EP) Connector

Japanese

Instruction Sheet (non U.S.)

Japanese

Agency Approvals

UL Report

English

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