



Economy Power 2.5

TE Internal #: 1-1969591-5  
Housing, Receptacle, Wire-to-Panel / Wire-to-Wire, 15 Position, 2.5 mm [.098 in] Centerline, Crimp, 1 Row, Natural, Wire & Cable, Economy Power 2.5

[View on TE.com >](#)

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



Connector Product Type: **Housing**  
Connector & Housing Type: **Receptacle**  
Connector System: **Wire-to-Panel, Wire-to-Wire**  
Number of Positions: **15**  
Centerline (Pitch): **2.5 mm [ .098 in ]**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	15
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

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Contact Type	Pin
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Contact Current Rating (Max)	7.5 A
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
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Panel Mount Feature	With
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Mating Retention Type	Latch
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PCB Mount Retention	Without
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Mating Retention	With
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Connector Mounting Type	Panel Mount
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Housing Features

Housing Material	Nylon - GF
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Housing Entry Configuration	Both Ends Closed
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Centerline (Pitch)	2.5 mm[.098 in]
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Dimensions

Connector Width	18.17 mm[.715 in]
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Compatible Insulation Diameter Range	1.3 – 1.7 mm[.051 – .067 in]
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Connector Height	6.6 mm[.26 in]
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Wire Size	26 – 22 AWG
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Connector Length	40 mm[1.575 in]
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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

UL Flammability Rating	UL 94V-0
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Glow Wire Rating	Glow Wire
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Packaging Features

Packaging Method	Bag
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Packaging Quantity	800
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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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 # 1969591-2  
HSG,REC,PANEL MOUNT,GWT,  
SINGLE ROW,EP2.5



TE Part # 1-1969589-5  
HSG, REC,FREE-HANG,GWT, SINGLE  
ROW,EP2.5



TE Part # 1-1969591-0  
HSG,REC,PANEL MOUNT,GWT,  
SINGLE ROW,EP2.5



TE Part # 1-1969591-4  
HSG,REC,PANEL MOUNT,GWT,  
SINGLE ROW,EP2.5





TE Part # 1-1969590-5  
HSG, REC, PANEL MOUNT, SINGLE ROW,EP2.5



TE Part # 1-1969591-2  
HSG,REC,PANEL MOUNT,GWT, SINGLE ROW,EP2.5



TE Part # 1969591-7  
HSG,REC,PANEL MOUNT,GWT, SINGLE ROW,EP2.5



TE Part # 2482324-1  
EXTRACTION TOOL



TE Part # 1969591-8  
HSG,REC,PANEL MOUNT,GWT, SINGLE ROW,EP2.5




TE Part # 1-1969591-3  
HSG,REC,PANEL MOUNT,GWT, SINGLE ROW,EP2.5



TE Part # 1-1969591-1  
HSG,REC,PANEL MOUNT,GWT, SINGLE ROW,EP2.5

Also in the Series | Economy Power 2.5



Connector Contacts(6)




Connector Hardware(49)



PCB Headers & Receptacles(533)



Rectangular Power Connectors(531)



Wire-to-Board Connector Assemblies & Housings(305)



Wire-to-Board Headers & Receptacles (533)

Customers Also Bought



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



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



TE Part #1-853088-0  
ANVIL



TE Part #2-171706-1  
FASTON 250 INS POD NYLON NAT





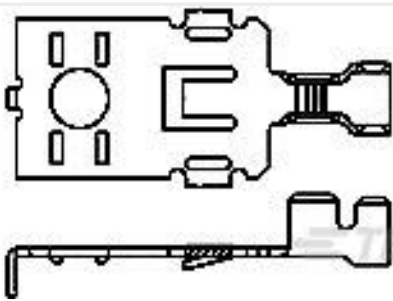
TE Part #1852646-1  
EFHBPO200TABLOCK.210O LM/G



TE Part #CAT-UL8-2502  
ULTRA POD: Straight, Receptacle  
Assembly, Unplated, .250 inch



TE Part #440452-000  
RT-3-NO.1-0-2.25IN



TE Part #63496-1  
POWER RING TERMINAL TAB 16-10  
AWG BR



TE Part #644267-2  
SL156 HSG (YELLOW)

Documents

Product Drawings

HSG,REC,PANEL MOUNT,GWT,SINGLE ROW,EP2.5

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-1969591-5\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1969591-5\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1969591-5\_B.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

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English