# EIS REC. HSG 3P-BLUE ACTIVE



TE Part # 4-171822-3
TE Internal #: 4-171822-3

View on TE.com >



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



Connector System: Wire-to-Board

Number of Positions: 3

Centerline (Pitch): 2.5 mm [.098 in]

Termination Method to Wire & Cable: Crimp

Number of Rows: 1

### **Features**

#### **Product Type Features**

Product Type Features	
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector Style	Receptacle
Product Type	Connector
Connector Type	Housing
Strain Relief	Without
Profile	Standard
Configuration Features	
Number of Positions	3
Number of Rows	1

## **Electrical Characteristics**

Insulation Resistance	500 MΩ
Operating Voltage	250 VAC, 350 VDC

### **Body Features**

Circuit Standard
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#### **Contact Features**

Contact Layout	Inline
Contact Current Rating (Max)	2 A
Contact Type	Socket



#### **Termination Features**

Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Mating Connector Lock	With
Panel Mount Feature	Without
Mating Connector Lock Type	Lock
PCB Mount Retention	Without
Mating Retention	With
Mating Retention Type	Lock
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Alignment Type	Polarization
Mating Alignment	With
Housing Features	
Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	2.5 mm[.098 in]
Housing Color	Blue
Housing Material	Nylon 6/6
Dimensions	
Height	5.75 mm
Length	14 mm
Usage Conditions	
Operating Temperature Range	-20 - 95 °C[-4 - 203 °F]
Operation/Application	
Circuit Application	Power & Signal
For Use With	Contact
Industry Standards	
Agency/Standard	UL
CSA Certified	Yes
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	1000
Packaging Method	Bag



#### **Product Compliance**

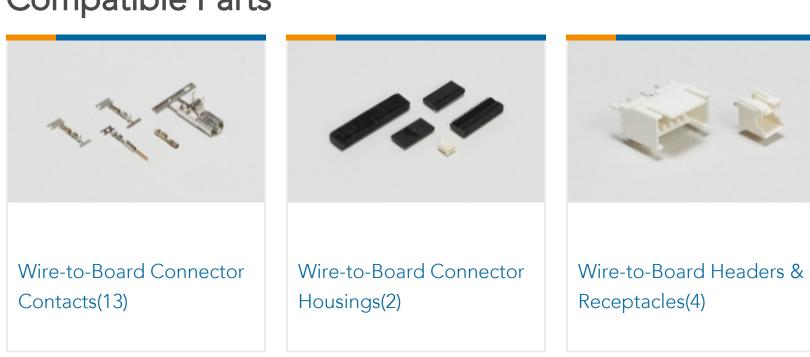
For compliance documentation, visit the product page on TE.com>

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: JAN 2019 (197) Not Yet Reviewed
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



## Customers Also Bought

TE Part # 4-171822-3 TE Internal #: 4-171822-3

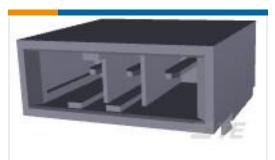




TE Part #3-178139-5
DYNAMIC 3200 HDR H 6P
ASSY



TE Part #3-178139-3
DYNAMIC 3200 HDR H 6P
ASSY



TE Part #2-178138-3
DYNAMIC 3200 HDR H 3P
ASSY



TE Part #1-316081-3
DYNAMIC D-3200 HDR
ASSY 12P H



TE Part #2-178139-3
DYNAMIC 3200 HDR H 6P
ASSY



TE Part #1-316080-3
DYNAMIC D-3200 HDR
ASSY 10P H



TE Part #7-1879212-9 CPF 0402 15R4 0.1% 25PPM 1K RL



TE Part #8-1879212-4 CPF 0402 17R4 0.1% 25PPM 1K RL



TE Part #1-2176216-5 CPF A 0603 150R 0.1% 25PPM 1K RL



**Documents** 

**Product Drawings** 

EIS REC. HSG 3P-BLUE

English

#### **CAD Files**

**Customer View Model** 

ENG\_CVM\_4-171822-3\_L.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_4-171822-3\_L.3d\_stp.zip

English

**Customer View Model** 

ENG\_CVM\_4-171822-3\_L.2d\_dxf.zip

English

3D PDF

English

Datasheets & Catalog Pages

1-1773972-5\_EIS\_Connectors\_Brochure

### EIS REC. HSG 3P-BLUE

TE Part # 4-171822-3 TE Internal #: 4-171822-3



English

**Product Specifications** 

AMP El Series, Connector

Japanese

**Product Specification** 

Japanese

Agency Approvals

Agency Approval Document

English