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# 440129-3

2.0MM,HSG,3POS



HPI

TE Internal #: **440129-3**

TE Internal Description: **2.0MM,HSG,3POS**

Connector System : **Wire-to-Board**

Number of Positions : **3**

Centerline (Pitch) : **2 mm [.079 in]**

Termination Method to Wire & Cable : **Crimp**

Number of Rows : **1**

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**Compatible Parts & Tooling**

QTY:

Extended Price:



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Feedback

#### Documents

#### Features

#### Product Compliance

##### Product Drawings

2.0MM,HSG,3POS

[2.0MM,HSG,3POS](#) English

##### CAD Files

3D PDF

[3D\\_CVM\\_CVM\\_440129-3\\_C1.pdf](#) 3D

Customer View Model

[ENG\\_CVM\\_CVM\\_440129-3\\_C1.2d\\_dxf.zip](#)

English

[ENG\\_CVM\\_CVM\\_440129-3\\_C1.3d\\_igs.zip](#)

English

[ENG\\_CVM\\_CVM\\_440129-3\\_C1.3d\\_stp.zip](#)

English

##### Datasheets & Catalog Pages

1-1773713-2\_HIGH\_PERFORMANCE\_INTERCONNECT\_QUICK\_REFERENCE\_GUIDE\_EN

[ENG\\_DS\\_1-1773713-2\\_HPI\\_QRG\\_EN\\_0114\\_1-1773713-2HPI\\_Connectors\\_0114.pdf](#) English

##### Product Specifications

Test Report for Cross Use Test, AMP 2.0mm HPI with JST PH

[S\\_502-57000-1\\_A.tif](#) English

Engineering Report

[S\\_502-57000-1\\_A.pdf](#) English

Product Specification

[ENG\\_SS\\_108-1235-1\\_A.pdf](#) English

[ENG\\_SS\\_108-57100\\_D.pdf](#) English

Qualification Test Report

[ENG\\_SS\\_501-57058\\_B.pdf](#) English

## Product Environmental Compliance

TE Material Declaration

[ENG\\_PC\\_MD\\_440129-3\\_B.pdf](#) English

## Agency Approvals

UL

[ENG\\_AAD\\_UL\\_E28476\\_20001207\\_C.pdf](#)

English

UL Report



[ENG\\_AAD\\_UL\\_CERT\\_ML\\_E186634\\_E28476\\_20001207\\_B.pdf](#) English

CSA Certificate

[ENG\\_AAD\\_CSA\\_222156\\_6233\\_1475575\\_A.pdf](#)

English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

## Product Type Features

Connector System : **Wire-to-Board**

Sealable : **No**

Connector & Contact Terminates To : **Wire & Cable**

Glow Wire Rating : **Standard Part - Not Glow Wire**

Strain Relief : **Without**

Connector Type : **Housing**

Connector Style : **Receptacle**

Product Type : **Connector**

## Configuration Features

Number of Positions : **3**

Number of Rows : **1**

## Electrical Characteristics

Insulation Resistance (M $\Omega$ ): **1000**

Dielectric Withstanding Voltage : **1000 VAC**

Operating Voltage : **250 VAC**

## Body Features

Color : **Natural**

## Contact Features

Contact Base Material : **Copper Alloy**

Contact Current Rating (Max) (A): **3**

Contact Type : **Socket**

Contact Layout : **Inline**

## Termination Features

Termination Method to Wire & Cable : **Crimp**



Mechanical  
Attachment

PCB Mount Retention : **Without**  
Mating Connector Lock Type : **Detent**  
Panel Mount Feature : **Without**  
Mating Connector Lock : **With**  
Mating Retention : **With**  
Mating Retention Type : **Detent**  
Connector Mounting Type : **Cable Mount (Free-Hanging)**  
Locking Interface : **Without**  
Mating Alignment Type : **Polarization**  
Mating Alignment : **With**

Housing Features

Centerline (Pitch) : **2 mm [ .079 in ]**  
Housing Configuration : **Both Ends Closed**  
Housing Material : **Thermoplastic**  
Housing Color : **Natural**

Dimensions

Wire Size (mm<sup>2</sup>): **.05 – .22**  
Wire Size (AWG): **30 – 24**  
Length : **7.8 mm [ .307 in ]**  
Insulation Diameter : **.9 – 1.5 mm [ .0354 – .059 in ]**  
Height : **4.5 mm [ .177 in ]**  
Width : **.272 in, 6.9 mm**

Usage Conditions

Operating Temperature Range : **-25 – 85 °C [ -13 – 185 °F ]**

Operation/Application

Circuit Application : **Power & Signal**  
For Use With :  
**440054-x- 440205-x- 1775470-x- 440055-x- 1734827-x-  
1775469-x**

Industry  
Standards

UL Flammability Rating : **UL 94V-0**

Packaging  
Features

Packaging Method : **Bag/Carton**  
Packaging Quantity : **1000**

EU RoHS  
Directive  
2011/65/EU

*This declaration covers EU Directive 2011/65/EU incl. Delegated Directive 2015/863/EU. The restrictions under 2015/863/EU apply as of 22 July 2021 for EEE categories 8 (medical devices) and 9 (monitoring and control equipment).*

EU ELV Directive  
2000/53/EC

China RoHS 2  
Directive MIIT  
Order No 32, 2016

EU REACH

Current ECHA Candidate List: **JAN 2019 (197)**

Regulation (EC)  
No. 1907/2006

Candidate List Declared Against: **JAN 2019 (197)**

Halogen Content

Solder Process  
Capability

Not applicable for solder process capability

Statement of  
Compliance

[Statement of Compliance](#) pdf

Compliance  
Documents

There may be Environmental Compliance related documents on the [DOCUMENTATION Tab](#)

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>

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WIRE-TO-BOARD CONNECTOR...

**8-440129-3**

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WIRE-TO-BOARD CONNECTOR...

**6-440129-3**

HPI 2.0MM, HSG, 3POS, BLACK



From **In-Stock**

Connector System : **Wire-to-Board**

Number of Positions : **3**

Centerline (Pitch) : **2 mm**

Termination Method to Wire & Cable : **Crimp**

Number of Rows : **1**



**Non-Stocked**

Connector System : **Wire-to-Board**

Number of Positions : **3**

Centerline (Pitch) : **2 mm**

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Number of Rows : **1**



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**In-Stock**

Connector System : **Wire-to-Board**

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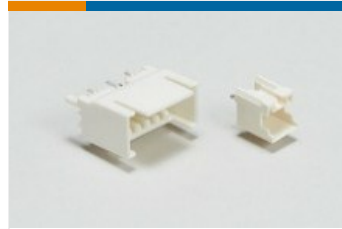
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Connector Contacts  
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Wire-to-Board  
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