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2-440129-2

HPI 2.0MM,HSG,2POS,BLU



HPI

TE Internal #: **2-440129-2**
TE Internal Description: **HPI 2.0MM,HSG,2POS,BLU**

Connector System : **Wire-to-Board**
Number of Positions : **2**
Centerline (Pitch) : **2 mm [.079 in]**
Termination Method to Wire & Cable : **Crimp**
Number of Rows : **1**

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Product Compliance

Product Drawings

HPI 2.0MM,HSG,2POS,BLU
 [HPI 2.0MM,HSG,2POS,BLU](#) English

CAD Files

3D PDF
 [3D_CVM_CVM_2-440129-2_C1.pdf](#) 3D
Customer View Model
 [ENG_CVM_CVM_2-440129-2_C1.2d_dxf.zip](#)
English
 [ENG_CVM_CVM_2-440129-2_C1.3d_igs.zip](#)
English
 [ENG_CVM_CVM_2-440129-2_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

Product Specification
 [ENG_SS_108-57100_D.pdf](#) English
Qualification Test Report
 [ENG_SS_501-57058_B.pdf](#) English

 [ENG_AAD_UL_E28476_20001207__C.pdf](#)

English

UL Report



[ENG_AAD_UL_CERT_ML_E186634_E28476_20001207__A.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 : **2**
Number of Rows : **1**

Electrical Characteristics

Insulation Resistance (MΩ): **1000**
Dielectric Withstanding Voltage : **1000 VAC**
Operating Voltage : **250 VAC**

Body Features

Color : **Blue**

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 : Blue
Dimensions	Wire Size (mm²): .05 – .22 Wire Size (AWG): 30 – 24 Length : 5.8 mm [.228 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 : 2000
EU RoHS Directive 2011/65/EU	<i>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).</i>
EU ELV Directive 2000/53/EC	
China RoHS 2 Directive MIIT Order No 32, 2016	
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) 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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