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# 440146-2

1.25mm WTB Socket,Housing,2p



MIS

TE Internal #: **440146-2**

TE Internal Description: **1.25mm WTB Socket,Housing,2p**

Alias #: **NB-P0202**

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

Number of Positions : **2**

Centerline (Pitch) : **1.25 mm [ .049 in ]**

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

Number of Rows : **1**

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QTY:

Extended Price:

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Product Drawings

1.25mm WTB Socket,Housing,2p

[1.25mm WTB Socket,Housing,2p](#)

**(TIFF AVAILABLE)** English

CAD Files

Customer View Model

[ENG\\_CVM\\_440146-2\\_B.2d\\_dxf.zip](#) English

Customer View Model

[ENG\\_CVM\\_440146-2\\_B.3d\\_igs.zip](#) English

[ENG\\_CVM\\_440146-2\\_B.3d\\_stp.zip](#) English

[ENG\\_CVM\\_440146-2\\_B.pdf](#) 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

WIRE-TO-BOARD SERIES

[S\\_108-57225\\_A.tif](#) English

Product Specification

[S\\_108-57225\\_A.pdf](#) English

Product

TE Material Declaration

Environmental Compliance

[ENG\\_PC\\_MD\\_440146-2\\_B\\_MD\\_440146-2\\_05122014735\\_dmtec.pdf](#) English

Agency Approvals

UL  
[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): **100**  
Dielectric Withstanding Voltage : **250 VAC**  
Operating Voltage : **100 VAC**

Body Features

Color : **Natural**

Contact Features

Contact Base Material : **Copper Alloy**  
Contact Current Rating (Max) (A): **1**  
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 : **Without**  
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) : **1.25 mm [ .049 in ]**  
Housing Configuration : **Both Ends Closed**  
Housing Material : **Thermoplastic**  
Housing Color : **Natural**

Dimensions

Wire Size (AWG): **32 – 28**  
Length : **4.2 mm [ .165 in ]**  
Height : **3.15 mm [ .124 in ]**  
Width : **.156 in, 3.95 mm**

Usage Conditions

Operating Temperature Range : **-40 – 85 °C [ -40 – 185 °F ]**

Operation/Application

Circuit Application : **Power & Signal**  
For Use With : **1734260-x, 1734261-x, 1734598-x, 1734829-x**

Industry  
Standards

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

Packaging  
Features

Packaging Method : **Bag/Carton**  
Packaging Quantity : **2000**

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  
Regulation (EC)  
No. 1907/2006

Current ECHA Candidate List: **JAN 2019 (197)**  
Candidate List Declared Against: **JUN 2018 (191)**

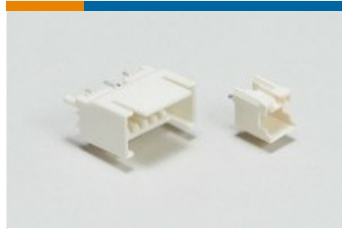
Halogen Content	
Solder Process Capability	Not applicable for solder process capability
Statement of Compliance	<a href="#">Statement of Compliance pdf</a>
Compliance Documents	There may be Environmental Compliance related documents on the <a href="#">DOCUMENTATION Tab</a>
Disclaimer	<p>This information 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.</p>



Wire-to-Board  
Connector Contacts  
(3)



Wire-to-Board  
Connector Housings  
(22)



Wire-to-Board  
Headers &  
Receptacles (23)

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