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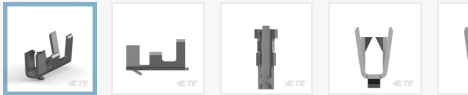
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Connectors > PCB Connectors > Wire-To-Board Connectors > Wire-To-Board Connector Contacts

# 1734193-1

WTB Socket,Terminal 80u" Tin



MIS

TE Internal #: **1734193-1**  
TE Internal Description: **WTB Socket,Terminal 80u" Tin**

Contact Type : **Socket**  
Connector System : **Wire-to-Board**  
Centerline (Pitch) : **1.25 mm [ .049 in ]**  
Wire Size (AWG): **32 – 28**  
Wire Size (mm²): **.03 – .08**

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**Compatible Parts & Tooling**

QTY:

Extended Price:

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Documents

Features

Product Compliance

Product Drawings

WTB Socket,Terminal 80u" Tin  
 [WTB Socket,Terminal 80u" Tin](#)  
**(TIFF AVAILABLE)** English

CAD Files

Customer View Model  
 [ENG\\_CVM\\_CVM\\_1734193-1\\_O.2d\\_dxf.zip](#)  
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 [ENG\\_CVM\\_CVM\\_1734193-1\\_O.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

WIRE-TO-BOARD SERIES  
 [S\\_108-57225\\_A.tif](#) English  
Product Specification

Feedback

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

WIRE-TO-BOARD SERIES

[S\\_501-57229\\_A.tif](#) English

Qualification Test Report

[S\\_501-57229\\_A.pdf](#) English

Product  
Environmental  
Compliance

TE Material Declaration

[ENG\\_PC\\_MD\\_1734193-1\\_B\\_MD\\_1734193-1\\_050420142216\\_dmtec.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**

Wire/Cable Type : **Discrete Wire**

Product Type : **Contact**

Electrical  
Characteristics

Insulation Resistance (MΩ): **100**

Contact Features

Contact Base Material : **Phosphor Bronze**

Crimp Area Plating Thickness (μm): **2**

Wire Contact Termination Area Plating Material : **Tin**

Contact Type : **Socket**

Contact Mating Area Plating Material : **Tin**

Contact Current Rating (Max) (A): **.8, 1**

Contact Plating Material Finish : **Matte**

Contact Plating Material : **Tin over Nickel**

Termination  
Features

Crimp Area Plating Material Finish : **Matte**

Mechanical  
Attachment

Connector Mounting Type : **Cable Mount (Free-Hanging)**

Housing Features

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

Dimensions

Wire Size (AWG): **32 – 28**

Wire Size (mm²): **.03 – .08**

Usage Conditions

Operating Temperature Range : **-40 – 80 °C [ -40 – 176 °F ]**

Operation/Application

Circuit Application : **Signal**

For Use With : **440146-x**



Packaging Features	Packaging Method : <b>Reel</b> Packaging Quantity : <b>20000</b>
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: <b>JAN 2019 (197)</b> Candidate List Declared Against: <b>JUL 2017 (174)</b>
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</p>





(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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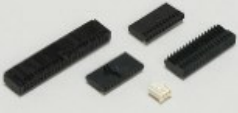

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