



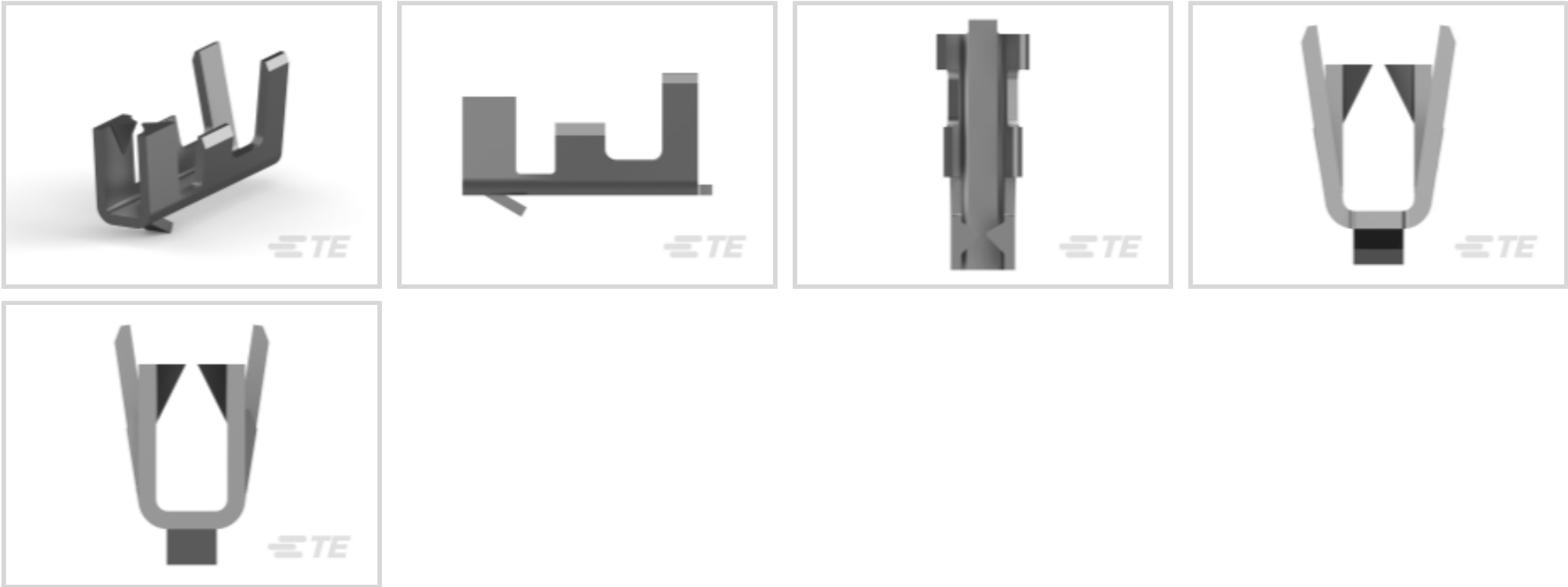
MIS

TE Internal #: 1734193-1

Connector Contact, Socket, Wire-to-Board, 32 – 28 AWG Wire Size, .03 – .08 mm² Wire Size, Tin, Reel, Wire & Cable, 1 A / .8 A, Signal, MIS

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



Contact Type: **Socket**

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

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

Wire Size: **.03 – .08 mm²**

Features

Product Type Features

Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Insulation Resistance	100 MΩ
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Contact Features

Mating Tab Width	.74 mm[.029 in]
Mating Tab Thickness	.3 mm[.012 in]
Wire Contact Termination Area Plating Thickness	2 μm
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Type	Socket



Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	.8 A, 1 A

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	1.25 mm[.049 in]
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Dimensions

Wire Size	.03 – .08 mm ²
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Usage Conditions

Operating Temperature Range	-40 – 80 °C[-40 – 176 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	20000
Packaging Method	Reel

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 2023 (233) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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 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>

Compatible Parts

 TE Part # CAT-H857-H342125 AMP HPI 1.25 mm Headers	 TE Part # 1-440146-2 1.25mm WTB Socket,Housing,12p	 TE Part # 1-440146-4 1.25mm WTB Socket,Housing,14p	 TE Part # 1-440146-0 1.25mm WTB Socket,Housing,10p
 TE Part # 1-440146-5 1.25mm WTB Socket,Housing,15p	 TE Part # 440146-2 1.25mm WTB Socket,Housing,2p	 TE Part # 440146-3 1.25mm WTB Socket,Housing,3p	 TE Part # 440146-4 1.25mm WTB Socket,Housing,4p
 TE Part # 440146-5 1.25mm WTB Socket,Housing,5p	 TE Part # 440146-6 1.25mm WTB Socket,Housing,6p	 TE Part # 440146-8 1.25mm WTB Socket,Housing,8p	 TE Part # 440146-9 1.25mm WTB Socket,Housing,9p
 TE Part # 1-440146-1 1.25mm WTB Socket,Housing,11p	 TE Part # 1-440146-3 1.25mm WTB Socket,Housing,13p	 TE Part # 440146-7 1.25mm WTB Socket,Housing,7p	 TE Part # CAT-FSE0006 Compact Compression Load Cell



TE Part # 1385777-2
HDM SMPR031F031F K

TE Part # 1385777-3
HDM SMPR031F031F G

TE Part # 2-2836628-2
OCEAN_2.0_Applicator-S-031F037F

TE Part # 2836628-2
OCEAN_2.0_Applicator-S-031F037F

Also in the Series | MIS

PCB Headers & Receptacles(23)

Wire-to-Board Connector Assemblies & Housings(25)

Wire-to-Board Connector Contacts(3)

Customers Also Bought

TE Part #6-6609107-8
PS0SXDS6B=C1175

TE Part #1734260-6
AMP HPI 1.25 mm Headers

TE Part #1-440146-2
1.25mm WTB Socket, Housing, 12p

TE Part #2-66102-2
III+ PIN, 24-20, 30AU/FL, STRIP

TE Part #1-440146-0
1.25mm WTB Socket, Housing, 10p

TE Part #440146-3
1.25mm WTB Socket, Housing, 3p

TE Part #440146-6
1.25mm WTB Socket, Housing, 6p

TE Part #440146-8
1.25mm WTB Socket, Housing, 8p

TE Part #6-2176306-2
RP 1E 0.1W 4K99 0.1% 25PPM 5K RL



Documents

Product Drawings

WTB Socket,Terminal 80u" Tin

English

CAD Files

Customer View Model

ENG_CVM_CVM_1734193-1_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1734193-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1734193-1_O.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

HPI Connectors QRG

English

Product Specifications

Application Specification

English