

1735801-1 ✓ ACTIVE



TE Internal #: 1735801-1

Connector Contact, Socket, Wire-to-Board, .079 in [2 mm]

Centerline, 30 – 24 AWG Wire Size, .05 – .02 mm² Wire Size, Tin,

Reel, Wire & Cable, 3 A

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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): **2 mm [.079 in]**

Wire Size: **.05 – .02 mm²**

Features

Product Type Features

Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Mating Square Post Dimension	.5 mm [.019 in]
	80 μin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	3 A

Mechanical Attachment

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

Centerline (Pitch)	2 mm [.079 in]
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Dimensions

Wire Size	.05 – .02 mm ²
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Usage Conditions

Operating Temperature Range	-25 – 105 °C [-13 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	10000
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Packaging Method	Reel
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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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # CAT-H857-H34220
AMP HPI 2.0MM HEADERS



TE Part # 2119539-1
CCII 2.0MM PITCH HPI CONN 30-24 ASSY



TE Part # 2151237-1
OCEAN_2.0_Applicator-S-052F059F



TE Part # 2-2151237-1
OCEAN_2.0_Applicator-S-052F059F



TE Part # 2-2151237-2
OCEAN_2.0_Applicator-S-052F059F



TE Part # 2151237-2
OCEAN_2.0_Applicator-S-052F059F



TE Part # 3-440054-6
2.0MM PITCH HPI VERTICAL POST HEADERS



TE Part # 3-440054-8
2.0MM PITCH 8P HPI VERTICAL POST HEADERS



TE Part # 3-440054-9
2.0MM PITCH 9P HPI VERTICAL POST HEADERS



TE Part # 4-440054-6
2MM PITCH 2P HPI VERTICAL POST HEADERS



TE Part # 4-440054-7
2MM PITCH 3P HPI VERTICAL POST HEADERS



TE Part # 4-440054-9
2MM PITCH 5P HPI VERTICAL POST HEADERS



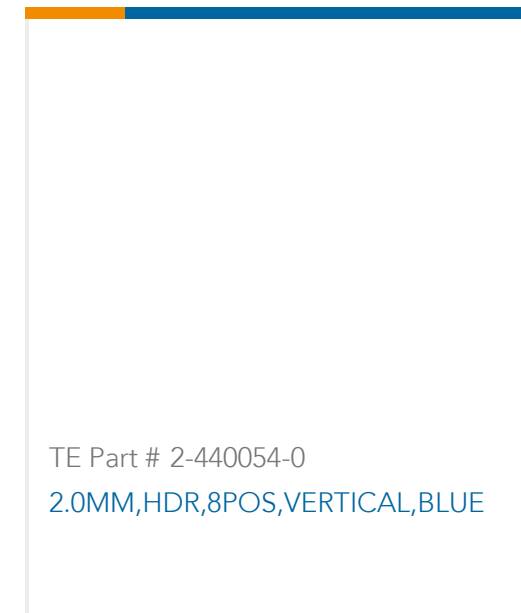
TE Part # 5-440054-6
2MM PITCH 16P HPI VERTICAL POST HEADERS



TE Part # 6-440054-9
2MM PITCH 5P HPI VERTICAL POST HEADERS



TE Part # 7-2151237-1
OCEAN_2.0_Applicator-S-052F059F



Customers Also Bought



Documents

Product Drawings

[2.0mm,Crimp,Contact](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1735801-1_B_c-1735801-1-b.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1735801-1_B_c-1735801-1-b.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1735801-1_B_c-1735801-1-b.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

Product Environmental Compliance

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Wire Size, .05 – .02 mm² Wire Size, Tin, Reel, Wire & Cable, 3 A



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English

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English