



HPI

TE Internal #: 1734597-1

Connector Contact, Socket, Wire-to-Board, .039 in [1 mm]
Centerline, 32 – 28 AWG Wire Size, .03 – .08 mm² Wire Size, Tin,
Reel, Wire & Cable, 1 A, HPI

[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts > HPI: 1mm Wire-to-Board Contact



Contact Type: **Socket**

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

Centerline (Pitch): **1 mm [.039 in]**

Wire Size: **.03 – .08 mm²**

[All HPI: 1mm Wire-to-Board Contact \(1\)](#)

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	50 VAC
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Contact Features

Mating Tab Width	.43 mm[.016 in]
Mating Tab Thickness	.2 mm[.008 in]
Wire Contact Termination Area Plating Thickness	.8 – 1.5 μm
Wire Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze



Contact Type	Socket
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Contact Mating Area Plating Material	Tin
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Contact Current Rating (Max)	1 A
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Mechanical Attachment

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

Centerline (Pitch)	1 mm [.039 in]
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Dimensions

Wire Size	.03 – .08 mm ²
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Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	105000
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 260°C
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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-H817210
AMP HPI 1.0MM RECEPTACLE HOUSINGS



TE Part # CAT-H857-H34210
AMP HPI 1.0MM HEADERS



TE Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # 2-2151497-1
OCEAN_2.0_Applicator-S-027F030F



TE Part # 2-2151497-2
OCEAN_2.0_Applicator-S-027F030FA



TE Part # 2151497-1
OCEAN_2.0_Applicator-S-027F030F



TE Part # 2151497-2
OCEAN_2.0_Applicator-S-027F030FA



TE Part # 7-2151497-1
OCEAN_2.0_Applicator-S-027F030F



TE Part # 7-2151497-2
OCEAN_2.0_Applicator-S-027F030FA



TE Part # 7-2151497-7
OCEAN_2.0_SPARE_PART_KIT-027F030F

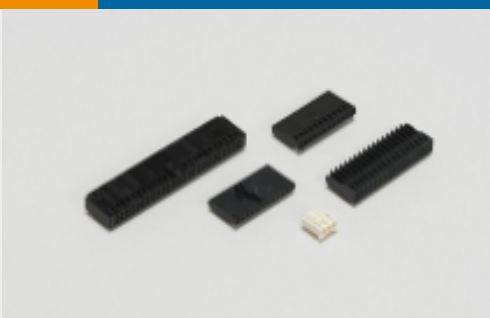


TE Part # 2119536-1
CCII 1.0MM PITCH REC SMT 33-28 ASSY


Also in the Series | HPI



PCB Headers & Receptacles(362)



Wire-to-Board Connector Assemblies & Housings(139)

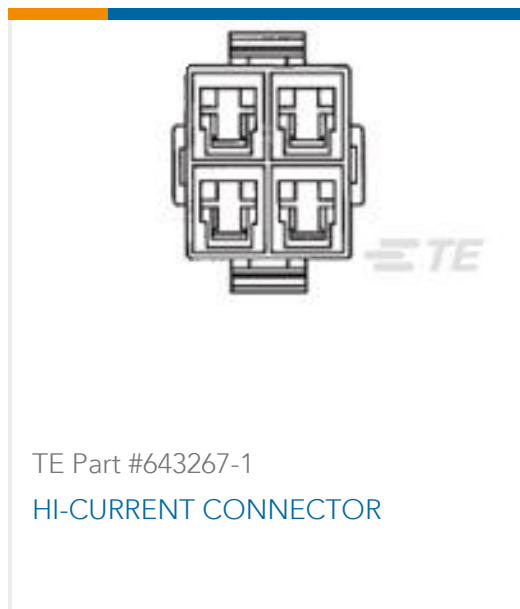


Wire-to-Board Connector Contacts(2)

Customers Also Bought



TE Part #1470364-3
AMP HPI 1.0MM RECEPTACLE
HOUSINGS



TE Part #643267-1
HI-CURRENT CONNECTOR



TE Part #2119536-1
CCII 1.0MM PITCH REC SMT 33-28
ASSY

Documents

Product Drawings

1.0 WTB Terminal, Receptacle

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1734597-1_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1734597-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1734597-1_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

[MD_1734597-1_050420142218_dmtec](#)

English

[MD_1734597-1_050420142218_dmtec](#)

English