



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **16**

Number of Rows: **2**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Breakaway
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	16
Number of Rows	2
Board-to-Board Configuration	Parallel

Body Features

Primary Product Color	Green
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Contact Features

Contact Underplating Material Thickness	1.27 μ m[50 μ in]
Contact Shape & Form	Square
Contact Underplating Material	Nickel
Contact Base Material	Copper Zinc
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel



Contact Mating Area Plating Material Thickness	.8 μm [31.5 μin]
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Contact Type	Pin
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Contact Current Rating (Max)	5 A
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Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mating Alignment	Without
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PCB Mount Retention	Without
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PCB Mount Alignment	Without
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Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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Housing Material	PBT
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Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
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Stack Height	15.3 mm[.6 in]
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PCB Thickness (Recommended)	1.57 mm[.062 in]
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Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Type	Box
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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: JAN 2023 (233)

Candidate List Declared Against: JAN 2023 (233)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Wave solder capable to 265°C

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 # 5-966245-0
50P MOD2 SPEZ STLEI



TE Part # 5-146486-8
16 MODII HDR DRST UNSHRD STKG

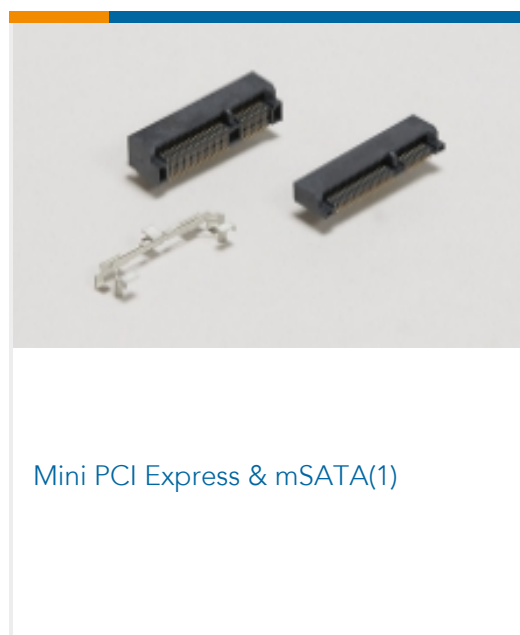
Also in the Series | OEG Miniature Relay PCF



Combo Jacks(1)



IDC D-Sub Connectors(1)



Mini PCI Express & mSATA(1)



PCB Headers & Receptacles(4)



RF Plugs & Jacks(1)



RJ14 Connectors(2)



RJ22 Connectors(1)



RJ25 Connectors(9)



RJ45 Connectors(69)



Wire-to-Board Connector Contacts(1)

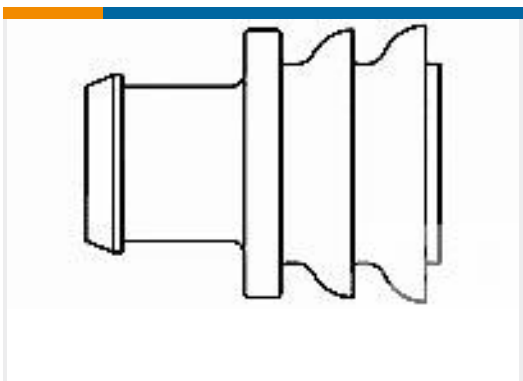
Customers Also Bought



TE Part #W2P
Wedgelocks: DEUTSCH DT



TE Part #282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #0460-202-16141
DEUTSCH Solid Contacts



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #DT06-2S
PLG, 2P, GRY, N

Documents

[Product Drawings](#)
[2X 8P MOD2 STIFTLI](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_829309-8_E.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_829309-8_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_829309-8_E.3d_stp.zip](#)

English

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Product Specifications

[interconnection system ampmod ii pinheader](#)

English

Product Specification

English

Product Environmental Compliance

[Product Compliance](#)

English

Product Compliance

English

Agency Approvals

[UL Report](#)

English