



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 PCB	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 $^{\circ}\text{C}$ [-85 – 221 $^{\circ}\text{F}$]
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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 Method	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	
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Current ECHA Candidate List: JUNE 2024
(241)

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

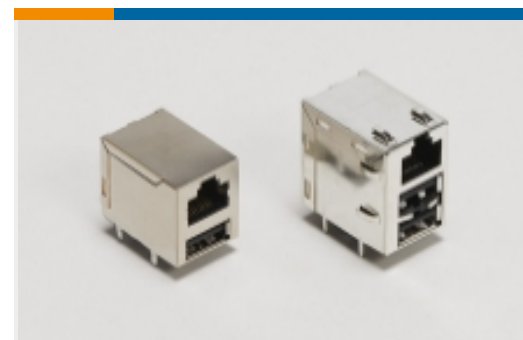
Product Compliance Disclaimer

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>

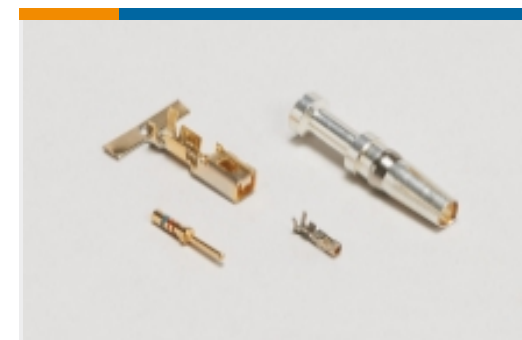
Also in the Series | **OEG Miniature Relay PCF**



Coax Connectors(1)



Combo Jacks(1)



Connector Contacts(1)



IDC D-Sub Connectors(1)



Mini PCI Express & mSATA(1)



RJ14 Connectors(2)



RJ22 Connectors(1)



RJ25 Connectors(8)



RJ45 Connectors(69)

Customers Also Bought



TE Part #207153-1
6 POS SQ GRID METRIMATE-RCPT



TE Part #1-207158-0
METRIMATE PIN HDR ASY,6P LF

Documents

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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Agency Approvals

UL Report

English