



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **29**

Number of Rows: **3**

Features

Product Type Features

Mixed & Hybrid Header	Yes
Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Signal Positions	24
Number of Power Positions	5
PCB Mount Orientation	Right Angle
Number of Positions	29
Number of Rows	3

Electrical Characteristics

Operating Voltage	370 VDC
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Body Features



Primary Product Color	Black
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Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Layout	Matrix
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Blade, Pin

Termination Features

Termination Post & Tail Length	3.43 mm[.135 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Guide Module
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Thermoplastic Glass Reinforced
Centerline (Pitch)	2.5 mm, 6 mm, 7.5 mm[.098 in][.236 in][.295 in]

Dimensions

Row-to-Row Spacing	2.5 mm[.098 in]
Connector Width	25.4 mm[1 in]
PCB Thickness (Recommended)	1.57 – 3.18 mm[.062 – .125 in]
Connector Height	16 mm[.63 in]
Connector Length	73 mm[2.87 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
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Operating Temperature Range-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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Packaging Features

Packaging Quantity	64
Packaging Method	Package

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 2025 (247) Candidate List Declared Against: JAN 2021 (211) 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

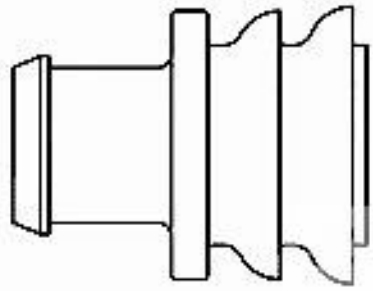
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

Customers Also Bought







TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING




TE Part #281934-2
SINGLE WIRE SEAL




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




TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



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



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

Documents

Product Drawings

CONN,PIN,RT<,SLDR,MINIPAK

English

CAD Files

Customer View Model

ENG_CVM_CVM_1766693-1_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1766693-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1766693-1_B.3d_stp.zip

English

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Product Specifications

Application Specification

English