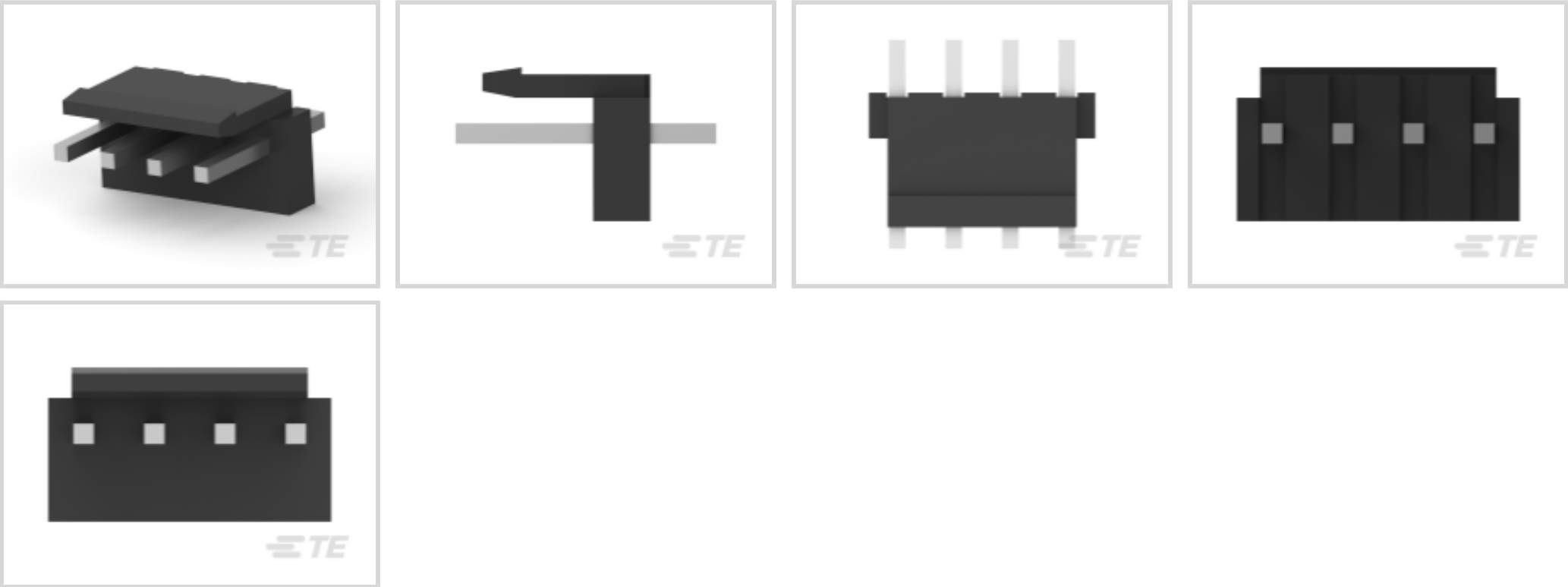




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **4**

Centerline (Pitch): **3.96 mm [.156 in]**

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

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Primary Product Color	Black
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Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1 µm[39.37 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Mating Square Post Dimension	1.14 mm[.045 in]
PCB Contact Termination Area Plating Material Thickness	2 µm[78.74 µin]
Contact Shape & Form	Square
Contact Layout	Inline
Contact Mating Area Length	7.7 mm[.303 in]
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin (Sn)
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	2 µm[78.74 µin]
Contact Type	Pin
Contact Current Rating (Max)	8 A
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Post & Tail Length	3.7 mm[.146 in]
Square Termination Post & Tail Dimension	1.14 mm[.045 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention Type	Latch
Mating Alignment Type	Polarization
PCB Mount Alignment	Without
Mating Retention	With
PCB Mount Retention	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
Housing Material	LCP



Dimensions

	.624 in
Connector Width	8.76 mm[.345 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	10.9 mm[.429 in]

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	UL, VDE
Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tube
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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: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 # 2306828-7
3.96 EP HDR ASSY 7P VERT HT (TUBE PKG)

TE Part # 2306828-5
3.96 EP HDR ASSY 5P VERT HT (TUBE PKG)

TE Part # 2306828-8
3.96 EP HDR ASSY 8P VERT HT (TUBE PKG)

TE Part # 1-2306828-1
3.96 EP HDR ASSY 11P VERT HT (TUBE PKG)

TE Part # 1-2306828-2
3.96 EP HDR ASSY 12P VERT HT (TUBE PKG)

TE Part # 2306828-9
3.96 EP HDR ASSY 9P VERT HT (TUBE PKG)

TE Part # 1-2306828-0
3.96 EP HDR ASSY 10P VERT HT (TUBE PKG)

TE Part # 2306828-6
3.96 EP HDR ASSY 6P VERT HT (TUBE PKG)

TE Part # 2306828-2
3.96 EP HDR ASSY 2P VERT HT (TUBE PKG)

TE Part # 2306828-3
3.96 EP HDR ASSY 3P VERT HT (TUBE PKG)

Customers Also Bought

TE Part #AEA000N00000201000
623 RECEPTACLE, SPEEDTEC-READY

TE Part #CAT-D9934-A75F
Header Assembly: Wire-to-Board, 15A, gold or tin plated

TE Part #1625893-7
5W SM M/OX 5% 82K

TE Part #1-1761686-3
IDC LOW PRO HDR 40P VERT LAT



TE Part #8-2232532-4
4P, RAST 5 TAB HEADER, THV, TUBE PECKAGE

TE Part #6609035-8
6ESK7M=F7229 S0

TE Part #1355347-3
2x3P HV100 REC. CON, SMD, TIN, BLISTER

TE Part #174973-3
040 MLC 12POS CAP ASSY V TIN

TE Part #174975-1
040 MLC 16POS CAP ASSY V TIN

Documents

Product Drawings

3.96 EP HDR ASSY 4P VERT HT (TUBE PKG)

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2306828-4_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2306828-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2306828-4_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English