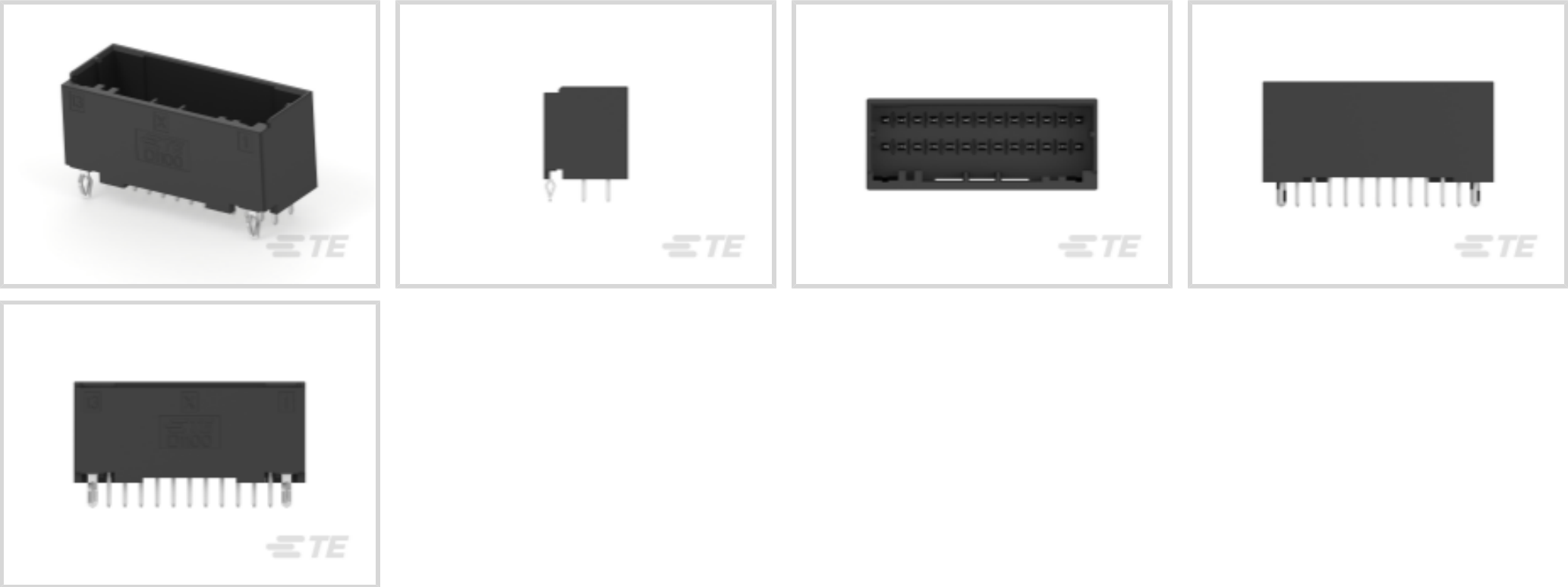




TE Internal #: 1-1871315-3
PCB Mount Header, Vertical, Wire-to-Board, 26 Position, 2 mm [.079 in] Centerline, Fully Shrouded, Pre-Tin, Through Hole - Solder, Power & Signal
[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**
Connector System: **Wire-to-Board**
Number of Positions: **26**
Number of Rows: **2**
Centerline (Pitch): **2 mm [.079 in]**

Features

Product Type Features

Connector Shape	Rectangular
PCB Connector Assembly 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 Columns	13
Number of Loaded Positions	26
Connector Contact Load Condition	Fully Loaded
Number of Positions	26
Number of Rows	2
PCB Mount Orientation	Vertical

Electrical Characteristics

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Operating Voltage	125 VAC
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Body Features

PCB Retention Feature Material	Copper Alloy
PCB Retention Feature Plating Material	Pre-Tin
Connector & Keying Code	X
Primary Product Color	Black

Contact Features

Contact Mating Area Length	3.6 mm[.142 in]
Contact Layout	Matrix
Mating Tab Width	.7 mm[.028 in]
Mating Tab Thickness	.5 mm[.02 in]
Contact Shape & Form	Rectangular
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Pre-Tin
Contact Type	Tab
Contact Current Rating (Max)	2 A

Termination Features

Rectangular Termination Post & Tail Thickness	.46 mm[.018 in]
Rectangular Termination Post & Tail Width	.5 mm[.02 in]
Termination Post & Tail Length	3.05 mm[.12 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Retention	Without
Panel Mount Feature	Without
PCB Mount Retention Type	Retention Leg
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With

Housing Features

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Mating Entry Location	Top
Housing Material	Glass-Filled Thermoplastic Polyester
Centerline (Pitch)	2 mm[.079 in]

Dimensions

Connector Length	28.6 mm[1.126 in]
Connector Height	12.45 mm[.49 in]
Connector Width	11.3 mm[.445 in]
PCB Thickness (Recommended)	1 – 1.6 mm[.039 – .063 in]
Row-to-Row Spacing	3.3 mm[.13 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Shielded	No
Circuit Application	Power & Signal

Industry Standards

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

Packaging Features

Packaging Quantity	16
Packaging Method	Tube

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900



ppm.

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 # 1-1827863-3

DYNAMIC 1100D REC HSG X 26P

BLACK

Customers Also Bought

TE Part #1-917338-2

Header Assembly: Wire-to-Board, 15A, gold or tin plated

TE Part #175196-2

DYNAMIC D-3 REC CONT. L AU 0.38

TE Part #2-2834461-0

MINI DYNAMIC REC HSG ASSY 20P X-KEY BLK

TE Part #2-2834465-0

MINI DYNAMIC HDR H 20P TIN X-KEY BLK

TE Part #2834464-6

MD REC CONT TIN 22/24 AWG

TE Part #T2071064101-000

H6BP-T2-M DOCKING FRAME_FLOATING

TE Part #1649357-4

RTH14012

TE Part #10200934-00

PRESS XDCR M5234-000002-012BG

Documents

Product Drawings



D1100D HDR ASSY V 26P XBLACK Pre-Tin

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1871315-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1871315-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1871315-3_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

Agency Approvals

TUV Certificate

English