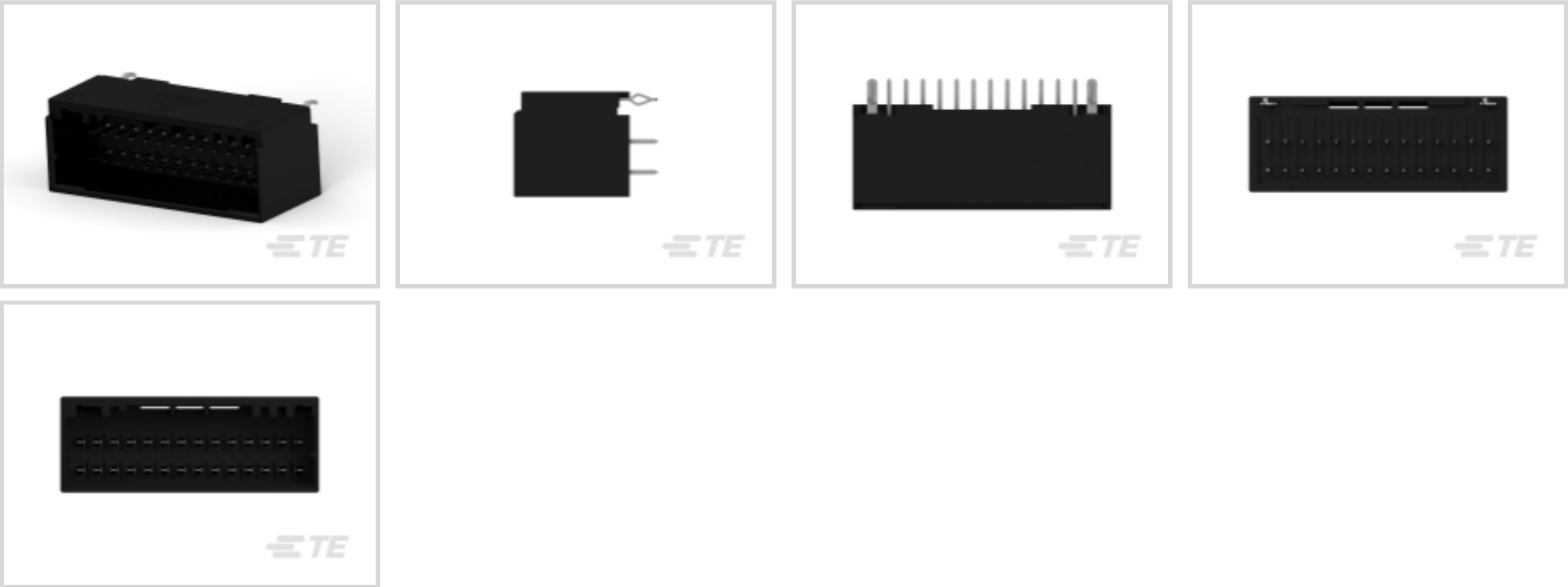




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **28**

Number of Rows: **2**

Features

Product Type Features

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

Configuration Features

Number of Columns	14
Number of Loaded Positions	28
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	28
Number of Rows	2

Electrical Characteristics

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Operating Voltage	125 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]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	1 µm[39.37 µin]
Mating Tab Width	.7 mm[.027 in]
PCB Contact Termination Area Plating Material Thickness	1 µm[39.37 µin]
Contact Layout	Matrix
Mating Tab Thickness	.5 mm[.019 in]
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Square Termination Post & Tail Dimension	.5 mm[.019 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Housing Material	Thermoplastic Polyester - Glass-Filled
Centerline (Pitch)	2 mm[.078 in]

Dimensions

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Row-to-Row Spacing	3.3 mm[.129 in]
Connector Width	11.3 mm[.444 in]
Connector Height	12.45 mm[.49 in]
Connector Length	30.6 mm[1.204 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	CSA LR7189
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	15
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: JAN 2025 (247) 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 # 1-1827863-4
DYNAMIC 1100D REC HSG X 28P
BLACK

Also in the Series | Dynamic D-1100D Series

PCB Headers & Receptacles(3)

Rectangular Connector Housings(2)

Rectangular Power Connectors(5)

Standard Rectangular Connectors(2)

Wire-to-Board Headers & Receptacles
(3)

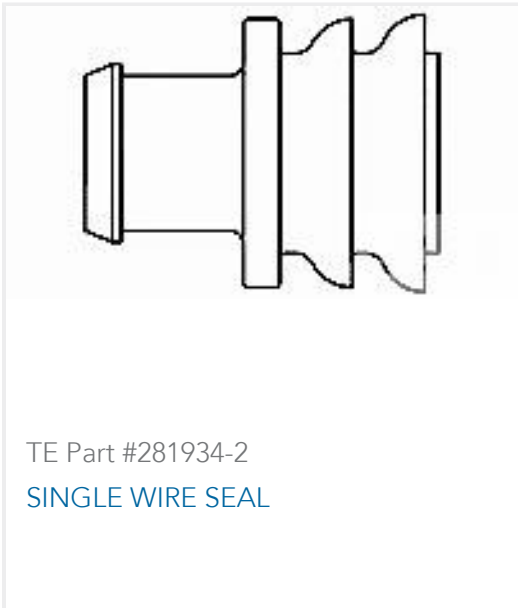
Customers Also Bought

TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts

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

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

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



Documents

Product Drawings

DYNAMIC 1100D HDR ASSY V 28P XBLACK TIN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2329463-4_A2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2329463-4_A2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2329463-4_A2.3d_stp.zip

English

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

Product Specifications

Application Specification

English