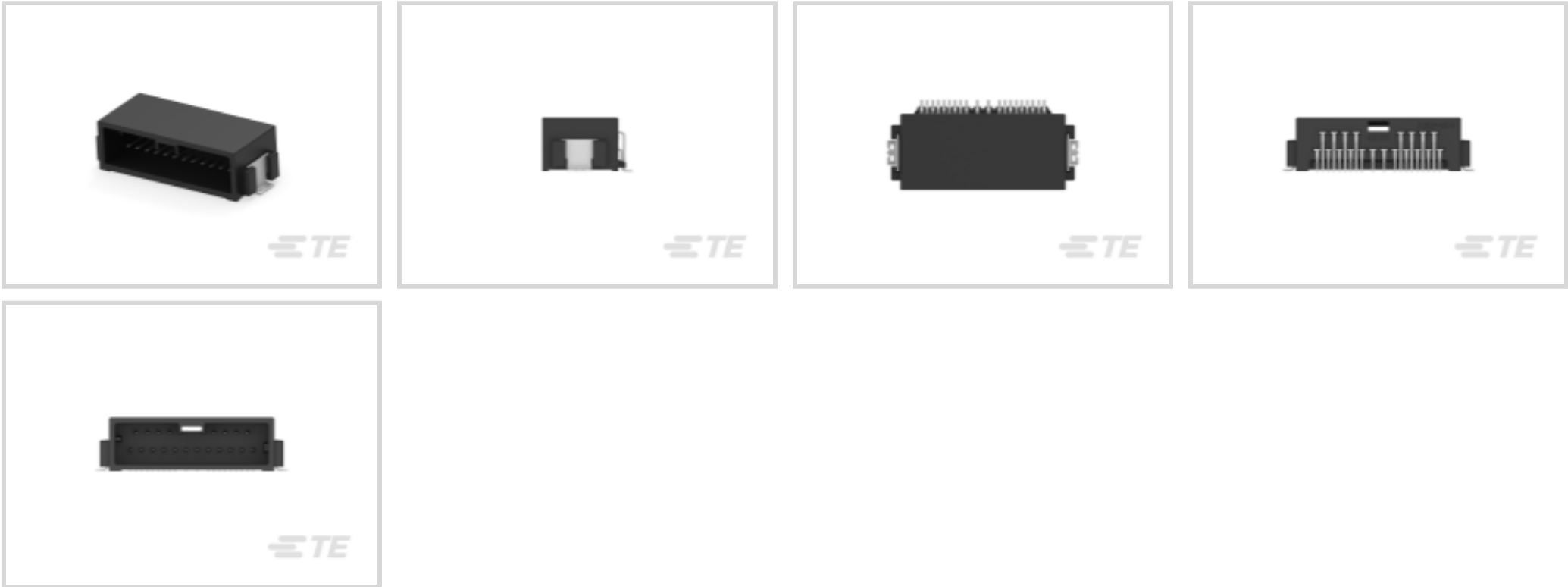




Connectors > PCB Connectors > PCB Headers & Receptacles > PCB Mount Header: Wire-to-Board



Connector System: Wire-to-Board

Number of Positions: 20

Number of Rows: 2

Centerline (Pitch): 1.8 mm [.071 in]

PCB Mount Orientation: Horizontal

All PCB Mount Header: Wire-to-Board (3)

Features

Product Type Features

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

Configuration Features

Number of Positions	20
Number of Rows	2
PCB Mount Orientation	Horizontal

Body Features

Primary Product Color	Black
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Contact Features

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Contact Mating Area Plating Material Thickness	1 – 2.5 µm[40 – 100 µin]
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

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

Housing Features

Housing Material	PA 6T GF30
Centerline (Pitch)	1.8 mm[.071 in]

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-104 – 257 °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 Type	Box, Tape
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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: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 2-2834461-0
MINI DYNAMIC REC HSG ASSY 20P X-KEY BLK

Also in the Series | Mini Dynamic Series

PCB Headers & Receptacles(15)	Wire-to-Board Connector Assemblies & Housings(15)	Wire-to-Board Connector Contacts(2)

Customers Also Bought





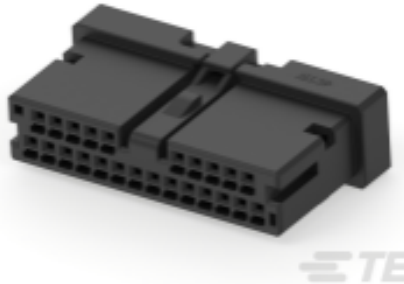
TE Part #1376009-1
DYNAMIC D2100 HDR H ASSY 8P X



TE Part #1-1827876-0
DYNAMIC 1200D HDR ASSY H 20PX
BLACK GOLD



TE Part #1827572-2
Contact: Component To Wire; 3-5A,
30-18 Wire Size



TE Part #2-2834461-4
MINI DYNAMIC REC HSG ASSY 24P X-
KEY BLK



TE Part #3-2834465-6
MINI DYNAMIC HDR H 36P TIN X-KEY
BLK



TE Part #1-2834497-6
MINI DYNAMIC REC HSG ASSY 16P Y-
KEY BLK



TE Part #1-2834499-6
MINI DYNAMIC HDR H 16P TIN Y-KEY
BLK



TE Part #2344512-2
2POS,21MM,HEADER HSG,ASSY
BLK

Documents

Product Drawings

MINI DYNAMIC HDR H 20P TIN X-KEY BLK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-2834465-0_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-2834465-0_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-2834465-0_A1.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Product Specification

English

Product Environmental Compliance

Product Compliance

English



Product Compliance

English

Agency Approvals

UL Report

English