

2-2834465-0 ✓ ACTIVE

[Dynamic Series](#) | [Mini Dynamic Series](#)

TE Internal #: 2-2834465-0

PCB Mount Header, Horizontal, Wire-to-Board, 20 Position, 1.8 mm

[.071 in] Centerline, Fully Shrouded, Tin, Surface Mount, Signal,

Mini Dynamic Series

[View on TE.com >](#)



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 |
|-----------------------|-------|

Contact Features



| | |
|--|--|
| 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 |
|---|---------------|

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 $^{\circ}\text{C}$ [-104 – 257 $^{\circ}\text{F}$] |
|-----------------------------|---|

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|----------------|-----------|
| Packaging Type | Box, Tape |
|----------------|-----------|

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 2023 (235)

Candidate List Declared Against: JUNE 2023 (235)

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

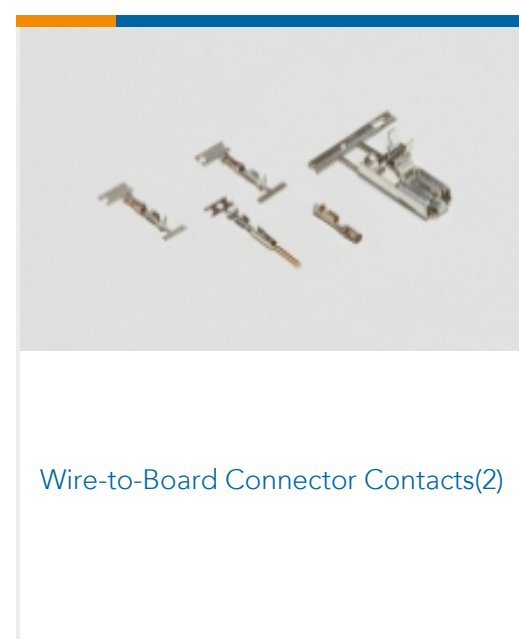
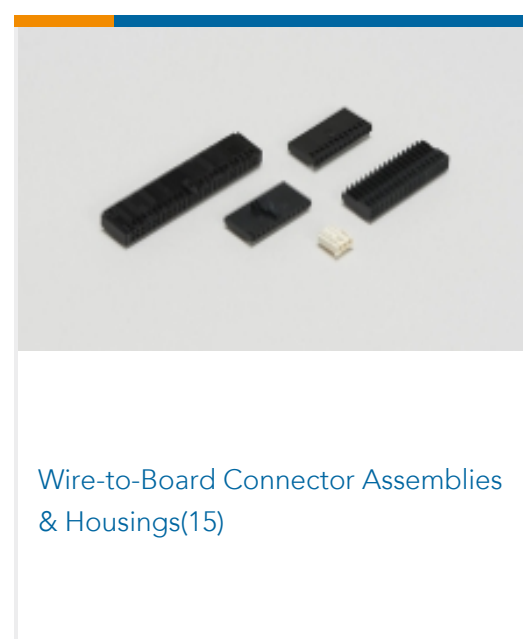
Product Compliance Disclaimer

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



Also in the Series | Mini Dynamic Series



Customers Also Bought



TE Part #178964-3
DYNAMIC D-3 W-T-W TAB HSG 6P



TE Part #1-178129-6
DYNAMIC 3200 REC HSG 6P (DBL)



TE Part #1-1318118-8
DYNAMIC D-2100 REC HSG 16P X-KEY



TE Part #5-1625971-4
HSA25 4R7 5%



TE Part #826656-2
2P AMPMODU II STIFT LEI



TE Part #2-2834465-4
MINI DYNAMIC HDR H 24P TIN X-KEY
BLK



TE Part #1-2834499-2
MINI DYNAMIC HDR H 12P TIN Y-KEY
BLK



TE Part #1-2834497-2
MINI DYNAMIC REC HSG ASSY 12P Y-
KEY 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 Environmental Compliance

Product Compliance

English

Product Compliance

English

Agency Approvals

UL Report

English

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PCB Mount Header, Horizontal, Wire-to-Board, 20 Position, 1.8 mm [.071 in]
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