

1-2834465-2 ✓ ACTIVE

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

TE Internal #: 1-2834465-2

PCB Mount Header, Horizontal, Wire-to-Board, 12 Position, 1.8 mm
[.071 in] Centerline, Fully Shrouded, Tin, Surface Mount, Signal,
Mini Dynamic Series

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



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

Number of Positions: **12**

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

Sealable: **No**

PCB Mount Orientation: **Horizontal**

[All PCB Mount Header: Wire-to-Board \(15\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	12
PCB Mount Orientation	Horizontal
Number of Rows	2

Body Features

Primary Product Color	Black
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Contact Features



Contact Type	Pin
Contact Mating Area Plating Material Thickness	1 – 2.5 µm[40 – 100 µin]
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Tin
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
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Retention Leg
Connector Mounting Type	Board Mount

Housing Features

Housing Material	PBT
Centerline (Pitch)	1.8 mm[.071 in]

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-104 – 257 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	250
Packaging Method	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 2024 (241) Candidate List Declared Against: JAN 2024 (240) 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>

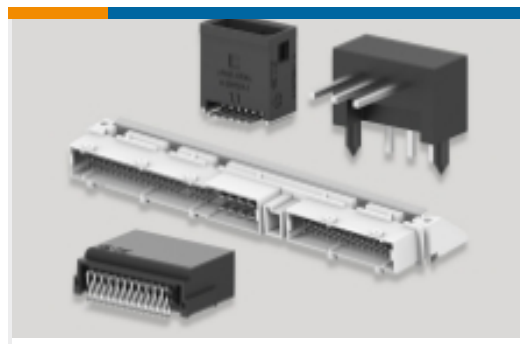
Compatible Parts



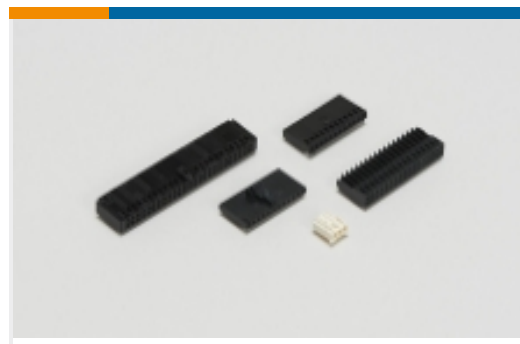
Also in the Series | [Mini Dynamic Series](#)



Connector Contacts(2)



PCB Headers & Receptacles(15)

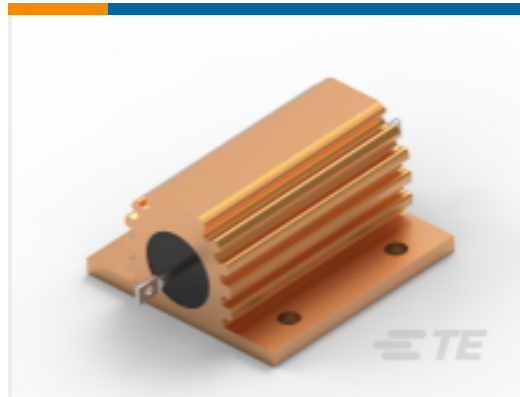


Wire-to-Board Connector Assemblies & Housings(15)

Customers Also Bought



TE Part #1-179555-3
Receptacle and Tab Housing: 5.08 mm Pitch, 250-600V



TE Part #1630024-1
Power Resistor: Aluminum Housed, HSA



TE Part #175285-2
DYNAMIC D-3 TAB CONT. M AU 0.38



TE Part #1-2834461-2
Receptacle Housing Assembly



TE Part #2-2834465-4
PCB Mount Header: Wire-to-Board



TE Part #2388688-1
34POS, PIN DIA 1.0, HDR ASSY, 180DEG

Documents

Product Drawings

MINI DYNAMIC HDR H 12P TIN X-KEY BLK

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-2834465-2_A1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2834465-2_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2834465-2_A1.3d_stp.zip](#)

English

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[UL Report](#)

English