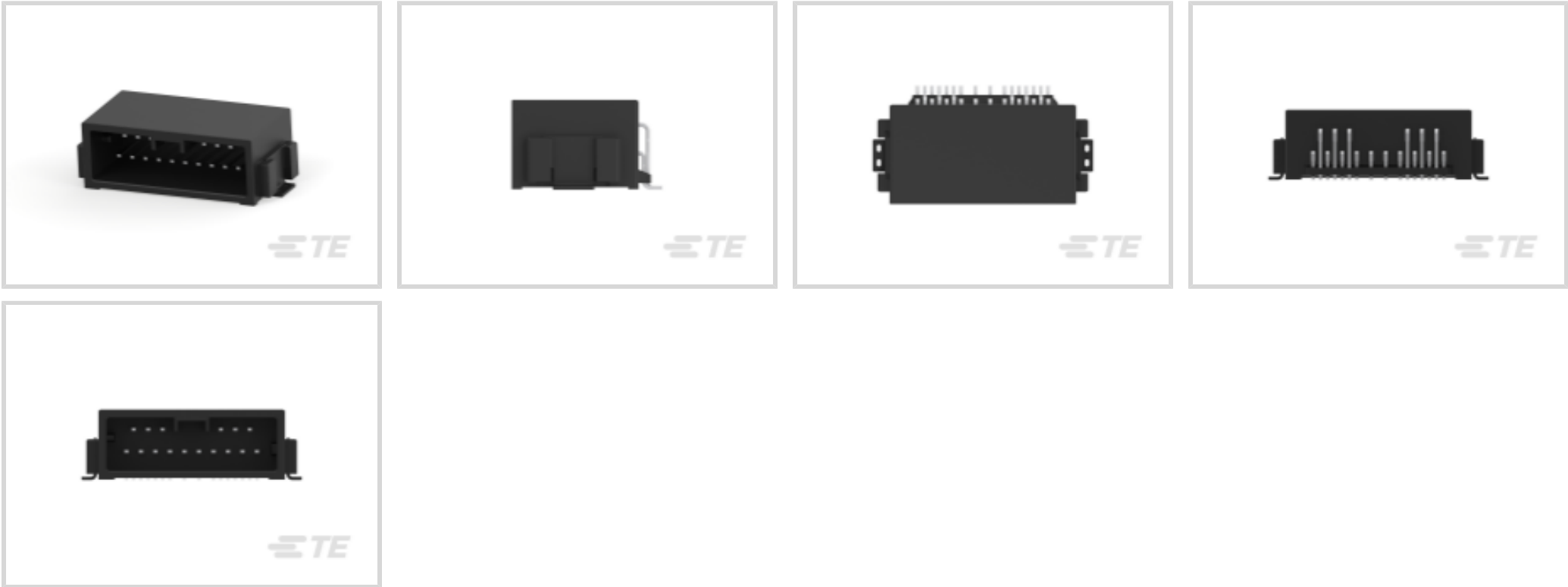




Connectors > PCB Connectors > PCB Headers & Receptacles > PCB Mount Header: Wire-to-Board



Connector System: Wire-to-Board

Number of Positions: 16

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	16
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: 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	Reflow solder capable to 260°C

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 # 1-2834461-6
MINI DYNAMIC REC HSG ASSY 16P 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



 <p>TE Part #175195-2 DYNAMIC D-3 REC CONT/M AU 0.38</p>	 <p>TE Part #2834464-6 MD REC CONT TIN 22/24 AWG</p>	 <p>TE Part #1-172169-9 9 POS TR MINI UNIV</p>	 <p>TE Part #1630024-1 HSC250 100R 5%</p>
 <p>TE Part #2367817-2 DYNAMIC D1000 SL REC CONT M SIZE Au0.2</p>	 <p>TE Part #2367819-2 DYNAMIC D1000SL TAB CONT M AU0.2 PLATING</p>	 <p>TE Part #3-2366515-2 DYNAMIC D1000 SLIM REC HSG 12P X KEY</p>	 <p>TE Part #1-2834499-6 MINI DYNAMIC HDR H 16P TIN Y-KEY BLK</p>
 <p>TE Part #1-2834497-2 MINI DYNAMIC REC HSG ASSY 12P Y- KEY BLK</p>	 <p>TE Part #2176297-1 HSC100 100R 5% MOQ 2000</p>		

Documents

Product Drawings
MINI DYNAMIC HDR H 16P TIN X-KEY BLK
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-2834465-6_A1.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1-2834465-6_A1.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-2834465-6_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