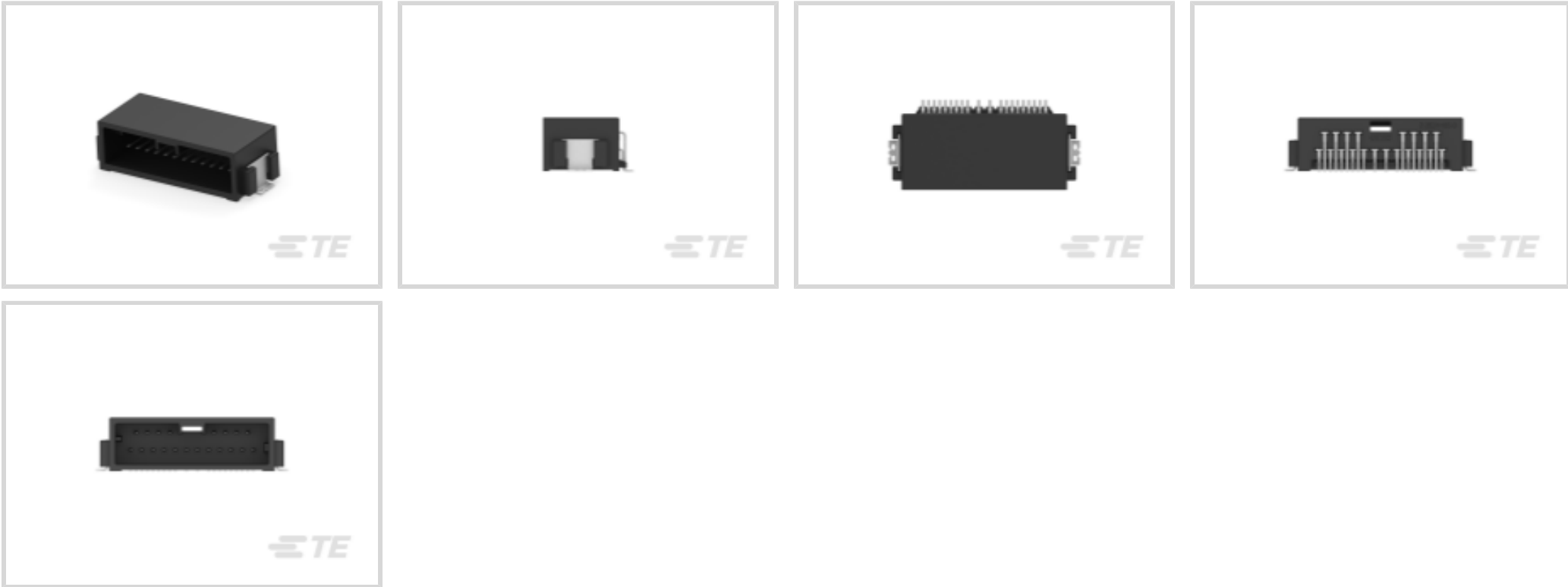




Connectors > PCB Connectors > PCB Headers & Receptacles > PCB Mount Header: Wire-to-Board



Connector System: Wire-to-Board

Number of Positions: 20

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	20
PCB Mount Orientation	Horizontal
Number of Rows	2

Body Features

Primary Product Color	Black
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Contact Features

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Contact Type	Pin
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 Current Rating (Max)	3 A

Termination Features

Termination Method to PCB	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	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 Method	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 2024 (241)  
Candidate List Declared Against: JUNE 2024 (241)  
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


Connector Contacts(2)

PCB Headers & Receptacles(15)


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

Customers Also Bought







TE Part #T2400001100-000  
CSM-10



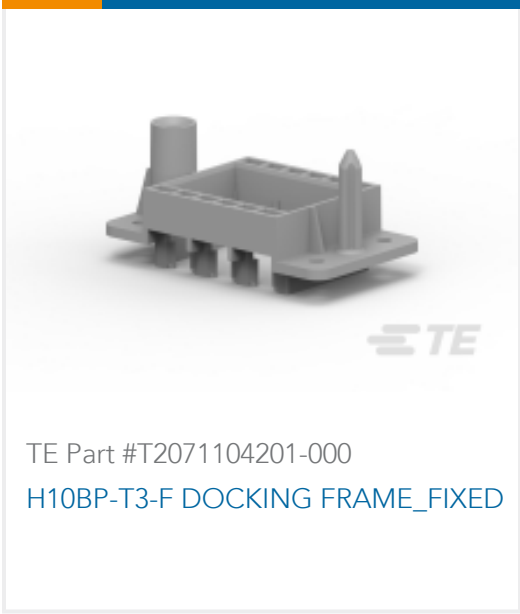
TE Part #T2400002100-000  
CSF-10




TE Part #T2030001015-000  
CEM-1.5




TE Part #T2071104101-000  
H10BP-T3-M DOCKING  
FRAME\_FLOATING



TE Part #T2071104201-000  
H10BP-T3-F DOCKING FRAME\_FIXED



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



TE Part #T2030002002-000  
CEF-0.3

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  
Application Specification  
English

Agency Approvals  
UL Report  
English