



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **10**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	10
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VDC
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Body Features

Connector & Keying Code	B
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Connector Profile	Standard
Primary Product Color	Black

Contact Features

Contact Mating Area Plating Material Thickness	2 μm[80 μin]
Mating Square Post Dimension	.5 mm[.02 in]
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Bright
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	2 A

Termination Features

Square Termination Post & Tail Dimension	.5 mm[.02 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention	With
PCB Mount Retention Type	Kinked Legs
Mating Alignment Type	Keyed
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Nylon 66
Centerline (Pitch)	2 mm[.079 in]

Dimensions

PCB Thickness (Recommended)	1.6 mm[.063 in]
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Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

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Compatible With Agency/Standards Products	VDE
Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray
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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 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 2-2232826-0
SGI2.0 HEADER ASSEMBLY TH 10P,
KEY A,NTL

TE Part # 4-2232826-8
SGI2.0 header assembly TH 8P,key B,
BLK

TE Part # 4-2232826-3
SGI2.0 header assembly TH 3P,key B,
BLK

TE Part # 4-2232826-2
SGI2.0 header assembly TH 2P,key B,
BLK

TE Part # 4-2232826-9
SGI2.0 header assembly TH 9P,key B,
BLK

TE Part # 4-2232826-5
SGI2.0 header assembly TH 5P,key B,
BLK

TE Part # 4-2232826-6
SGI2.0 header assembly TH 6P,key B,
BLK

TE Part # 4-2232826-4
SGI2.0 header assembly TH 4P,key B,
BLK

TE Part # 1-2232826-2
SGI2.0 header assembly TH 2P,key A,
NTL

TE Part # 4-2232826-7
SGI2.0 header assembly TH 7P,key B,
BLK

Also in the Series | GRACE INERTIA 2.0

Connector Contacts(4)

PCB Headers & Receptacles(70)

Rectangular Connector Housings(20)

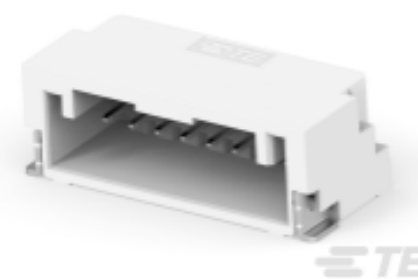
Standard Rectangular Connectors(38)

Wire-to-Board Connector Assemblies
& Housings(1)

Wire-to-Board Headers & Receptacles
(70)

Customers Also Bought





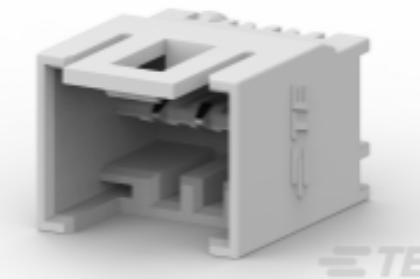
TE Part #2360538-8
SGI 1.25 HDR, 8P, RA, Key A, Natural



TE Part #6-1971921-7
4/7P,RAST 2.5 Tab Header,Ex- Locking, THV



TE Part #7-1123724-2
03P EP HDR HSG V0 GWT NO 02P



TE Part #1-2232960-3
3P POTTED RAST 2.5 HEADER



TE Part #5-1971817-7
7P,RAST 2.5 Tab Header,Ex- Locking, THV



TE Part #2391830-5
EP 2.5 ,HEADER ASSEMBLY, TAPING, 5P



TE Part #3-2232960-4
4P POTTED RAST 2.5 HEADER



TE Part #1-2232962-9
9P POTTED RAST 2.5 HEADER



TE Part #5-2232045-3
3P, RAST 5 TAB HEADER, THV



TE Part #4-2393116-1
New GI2.5 HDR ASSY,4P,key A,NTL

Documents

Product Drawings

SGI2.0 header assembly TH 10P,key B,BLK

English

CAD Files

Customer View Model

ENG_CVM_CVM_5-2232826-0_B.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_5-2232826-0_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-2232826-0_B.3d_igs.zip

English

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Product Specifications



Application Specification

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English