4-2232826-2 ✔ ACTIVE

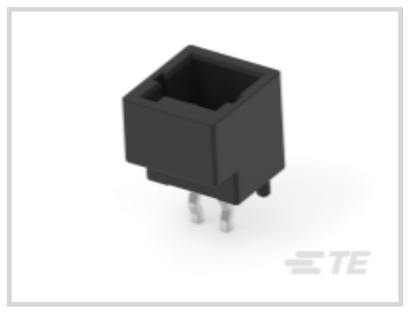
GRACE INERTIA | GRACE INERTIA 2.0

TE Internal #: 4-2232826-2

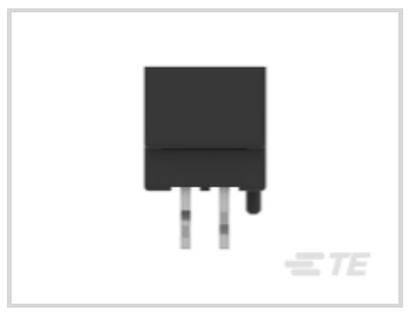
PCB Mount Header, Vertical, Wire-to-Board, 2 Position, 2 mm [.079 in] Centerline, Fully Shrouded, Tin (Sn), Through Hole - Solder, GRACE INERTIA 2.0

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles







PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **2**

Centerline (Pitch): **2 mm [.079 in]**

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	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VDC

Body Features

Connector & Keying Code	B

Connector Profile	Standard
Primary Product Color	Black

Contact Features

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

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

Housing Features

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

Dimensions

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

Usage Conditions

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

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

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

Product Compliance

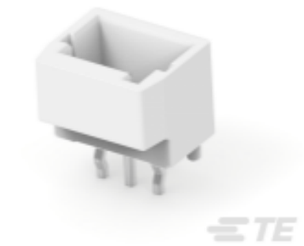
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

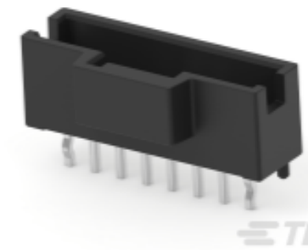
Product Compliance Disclaimer

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

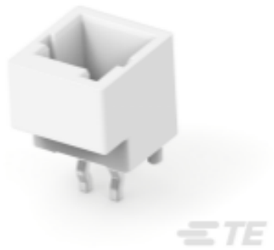
Compatible Parts



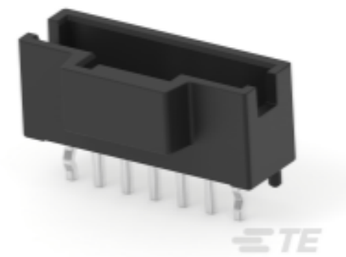
TE Part # 1-2232826-3
SGI2.0 header assembly TH 3P,key A, NTL



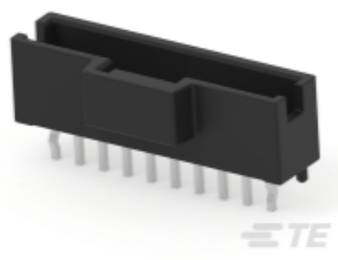
TE Part # 4-2232826-8
SGI2.0 header assembly TH 8P,key B, BLK



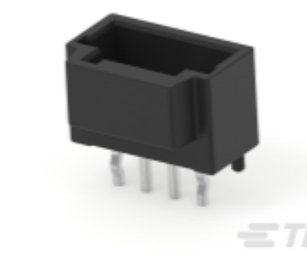
TE Part # 1-2232826-2
SGI2.0 header assembly TH 2P,key A, NTL



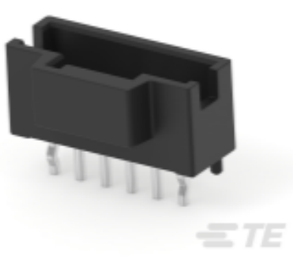
TE Part # 4-2232826-7
SGI2.0 header assembly TH 7P,key B, BLK



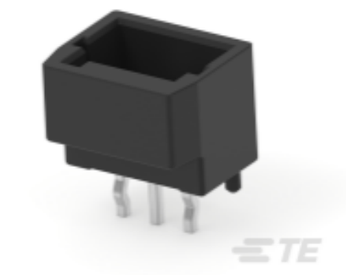
TE Part # 5-2232826-0
SGI2.0 header assembly TH 10P,key B, BLK



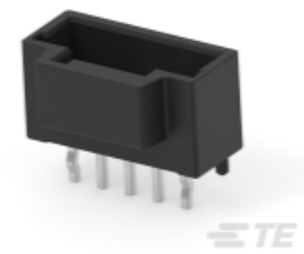
TE Part # 4-2232826-4
SGI2.0 header assembly TH 4P,key B, BLK



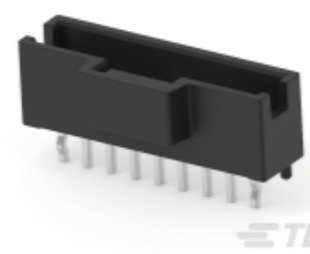
TE Part # 4-2232826-6
SGI2.0 header assembly TH 6P,key B, BLK



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



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

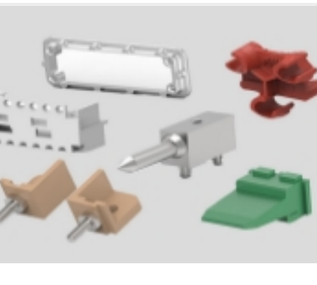


TE Part # 4-2232826-9
SGI2.0 header assembly TH 9P,key B, BLK

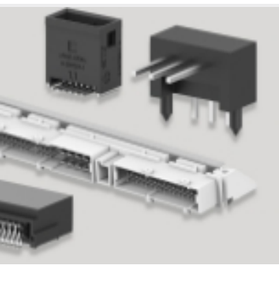
Also in the Series | GRACE INERTIA 2.0



Connector Contacts(6)



Connector Hardware(9)



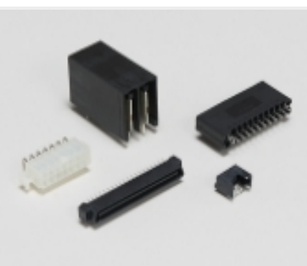
PCB Headers & Receptacles(70)



Rectangular Connector Housings(22)



Rectangular Power Connectors(1)



Standard Rectangular Connectors(40)



Wire-to-Board Connector Assemblies & Housings(40)

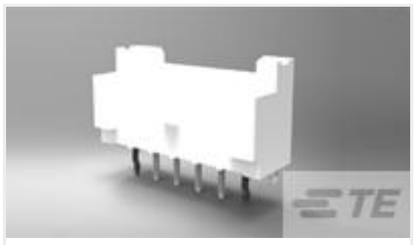


Wire-to-Board Headers & Receptacles (70)

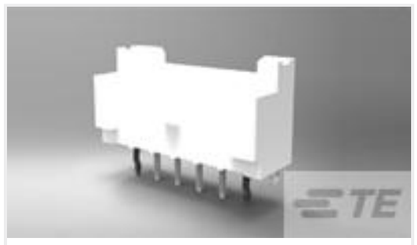
Customers Also Bought



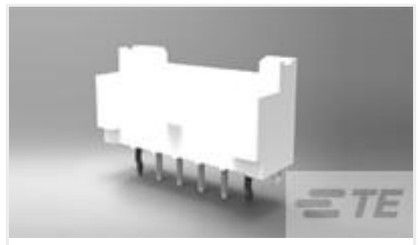
TE Part #917781-1
2.5 S.D.L POST/HDR ASY 3P STD



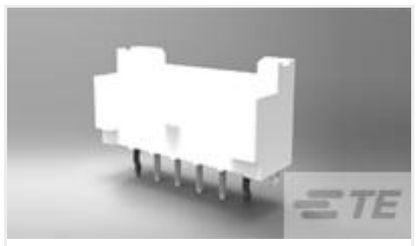
TE Part #1744418-2
2 POS EP 2.5 HDR, GLOW WIRE



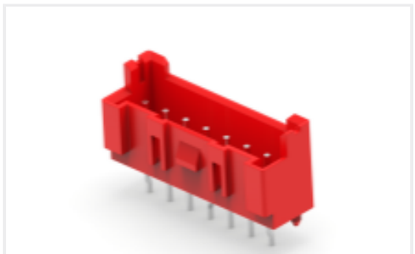
TE Part #1744418-6
6 POS EP 2.5 HDR, GLOW WIRE



TE Part #1744418-7
7 POS EP 2.5 HDR, GLOW WIRE



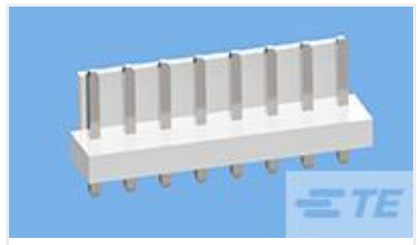
TE Part #1744418-8
8 POS EP 2.5 HDR, GLOW WIRE



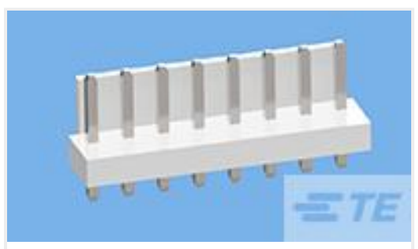
TE Part #2338245-7
EP2.5 HDR 7P VERT BOSS,RED,UL



TE Part #2350434-3
3P RAST2.5 TAB HEADER WO PEG



TE Part #1744489-4
3.96 EP HDR ASY 04P NO PEG, GW



TE Part #1744489-8
3.96 EP HDR ASY 08P NO PEG, GW

TE Part #2071452-1
RZ03-1A4-D005-R0001 (TES)

Documents

Product Drawings

SGI2.0 header assembly TH 2P,key B,BLK

English

CAD Files

Customer View Model

ENG_CVM_CVM_4-2232826-2_B.3d_igs.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-2232826-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-2232826-2_B.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English