



GRACE INERTIA 2.0

TE Internal #: 5-2232826-0
PCB Mount Header, Vertical, Wire-to-Board, 10 Position, 2 mm [.079 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, GRACE INERTIA 2.0

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Connectors > PCB Connectors > PCB Headers & Receptacles



Connector System: **Wire-to-Board**
Number of Positions: **10**
Number of Rows: **1**
Centerline (Pitch): **2 mm [.079 in]**
PCB Mount Orientation: **Vertical**

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	10
Number of Rows	1
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	50 VAC
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Body Features

Connector Profile	Standard
Connector & Keying Code	B



Primary Product Color	Black
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Contact Features

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

Termination Features

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

Mechanical Attachment

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

Housing Features

Housing Material	66 Nylon
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

Glow Wire Rating	Glow Wire
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Compatible With Agency/Standards Products	VDE
Compatible With Approved Standards Products	UL E28476
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 1-2232826-2
SGI2.0 header assembly TH 2P,key A, NTL

TE Part # 2-2232826-0
SGI2.0 HEADER ASSEMBLY TH 10P, KEY A,NTL

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

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

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

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

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

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

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

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

Also in the Series | GRACE INERTIA 2.0

Connector Contacts(3)

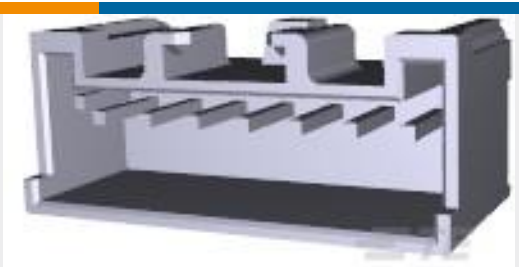
PCB Headers & Receptacles(70)

Rectangular Connector Housings(20)

Standard Rectangular Connectors(18)

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

Customers Also Bought



TE Part # 917785-1
2.5 S.D.L POST HDR ASY 7P STD



TE Part # 1-2232826-8
SG12.0 header assembly TH 8P,key A, NTL



TE Part # 2-2232826-0
SG12.0 HEADER ASSEMBLY TH 10P, KEY A,NTL



TE Part # 4-2232979-7
SG12.0 PLUG ASSEMBLY 7P, KEY B,BLK



TE Part # 5-2232979-0
SG12.0 PLUG ASSEMBLY 10P, KEY B, BLK



TE Part # 5-917691-1
2.5 SIGNAL D/LOCK PLUG HSG 7P (GWT)



TE Part # 1-2292457-3
3P, RAST 5 HEADER, PL, SHROUDED



TE Part # 1744560-4
Header Housing Assy, EP 2.5 RA, 4 Pos.



TE Part # 2371042-6
6P POTTED RAST 2.5 HEADER INNER WALL,TIN



TE Part # 4-1971798-4
NEW GI CONN2.5 HDR ASMBLY 4P YLW D1.0

Documents

Product Drawings

SG12.0 header assembly TH 10P,key B,BLK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-2232826-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-2232826-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-2232826-0_A.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

VDE Certificate

English