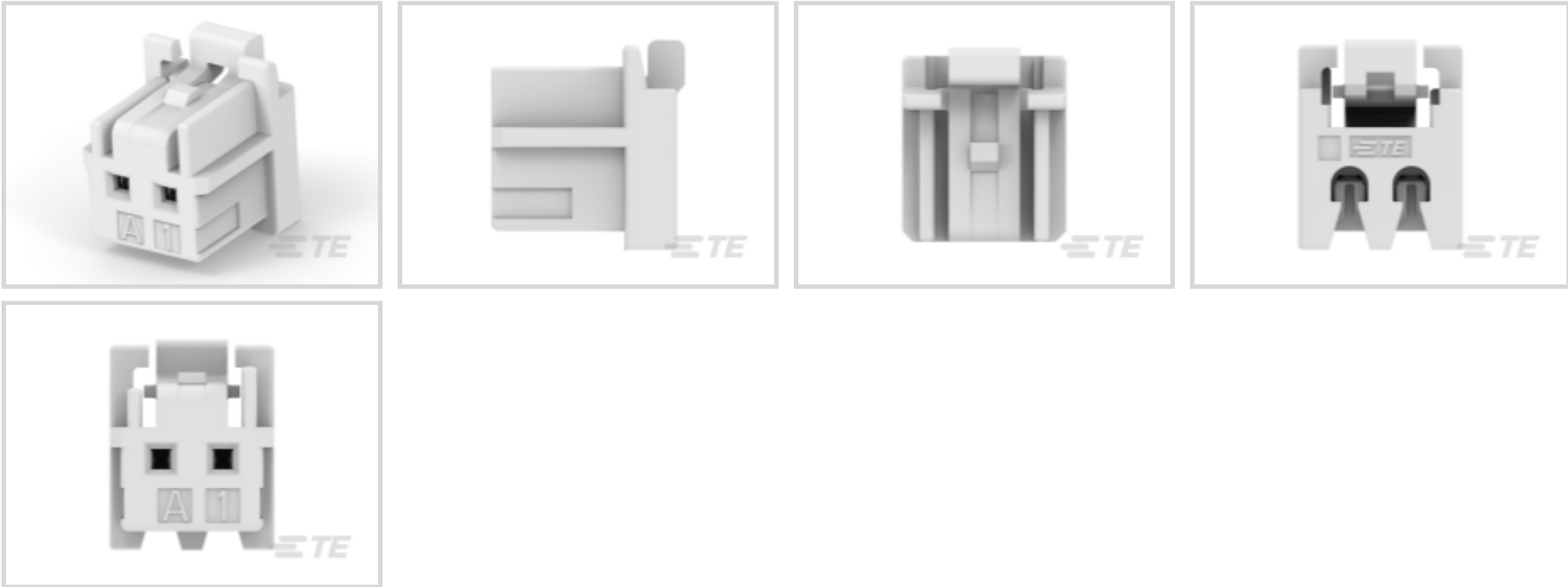




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**
Mating Alignment: **With**
Mating Alignment Type: **Keyed**
Connector & Housing Type: **Plug**
Mating Retention Type: **Locking Latch**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Insertion Force Type	Normal
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Contacts Preloaded	Yes
Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VAC
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Body Features

Connector & Keying Code	A
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Primary Product Color	Natural
Contact Features	
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin (Sn)
Contact Retention Within Housing	With
Contact Current Rating (Max)	2 A
Termination Features	
Termination Method to Wire & Cable	Insulation Displacement (IDC)
Mechanical Attachment	
Mating Alignment	With
Mating Alignment Type	Keyed
Mating Retention Type	Locking Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	Nylon 6/6
Centerline (Pitch)	2 mm[.079 in]
Usage Conditions	
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
Glow Wire Rating	Glow Wire
UL Flammability Rating	UL 94V-0
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 # 1-2232979-4
SGI2.0 PLUG ASSEMBLY 4P, KEY A, NTL



TE Part # 1-2232979-8
SGI2.0 PLUG ASSEMBLY 8P, KEY A, NTL



TE Part # 1-2232979-9
SGI2.0 PLUG ASSEMBLY 9P, KEY A, NTL



TE Part # 4-2232979-6
SGI2.0 PLUG ASSEMBLY 6P, KEY B,BLK NTL



TE Part # 4-2232979-7
SGI2.0 PLUG ASSEMBLY 7P, KEY B,BLK NTL



TE Part # 1-2232979-5
SGI2.0 PLUG ASSEMBLY 5P, KEY A, NTL

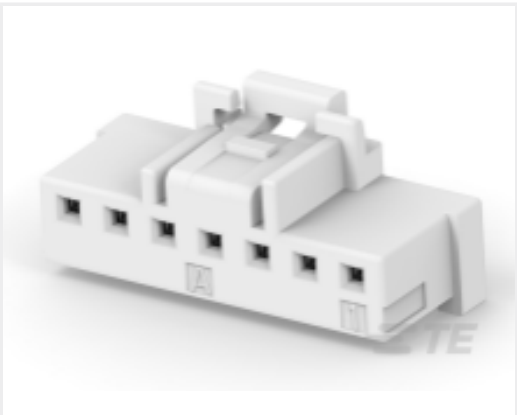


TE Part # 1-2232979-3
SGI2.0 PLUG ASSEMBLY 3P,KEY A NTL

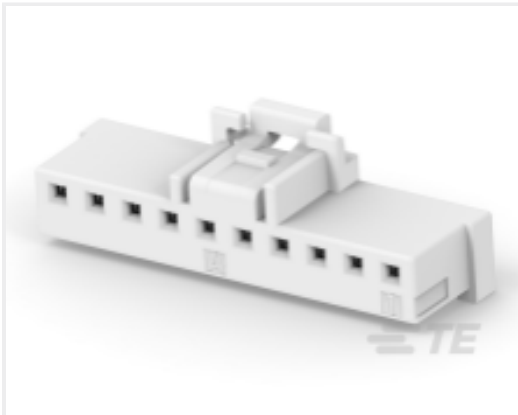


TE Part # 4-2232979-5
SGI2.0 PLUG ASSEMBLY 5P, KEY B,BLK NTL





TE Part # 1-2232979-7
SGI2.0 PLUG ASSEMBLY 7P, KEY A, NTL



TE Part # 2-2232979-0
SGI2.0 PLUG ASSEMBLY 10P, KEY A, NTL



TE Part # 1-2336678-2
SGI2.0 RA SMT HEADER 2P,KEY A,NTL



TE Part # 5-2232979-0
SGI2.0 PLUG ASSEMBLY 10P, KEY B, BLK



TE Part # 4-2232979-3
SGI2.0 PLUG ASSEMBLY 3P, KEY B,BLK



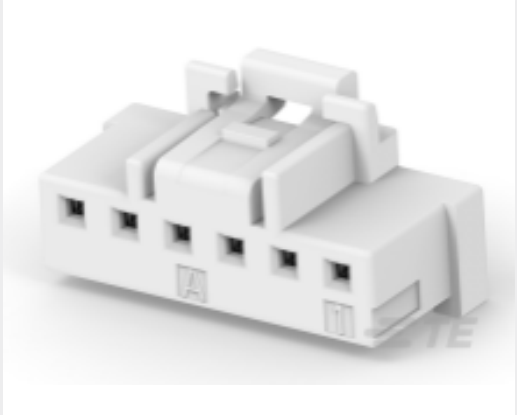
TE Part # 4-2232979-2
SGI2.0 PLUG ASSEMBLY 2P, KEY B,BLK



TE Part # 4-2232979-4
SGI2.0 PLUG ASSEMBLY 4P, KEY B,BLK



TE Part # 4-2232979-9
SGI2.0 PLUG ASSEMBLY 9P, KEY B,BLK



TE Part # 1-2232979-6
SGI2.0 PLUG ASSEMBLY 6P, KEY A, NTL

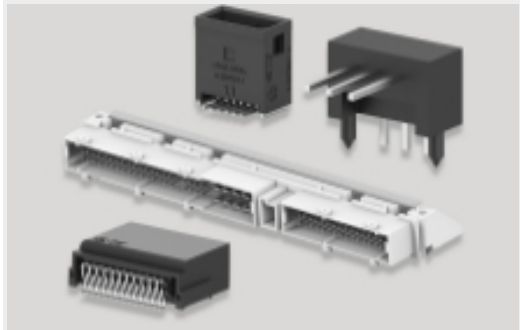
Also in the Series | GRACE INERTIA 2.0



Connector Contacts(6)



Connector Hardware(9)



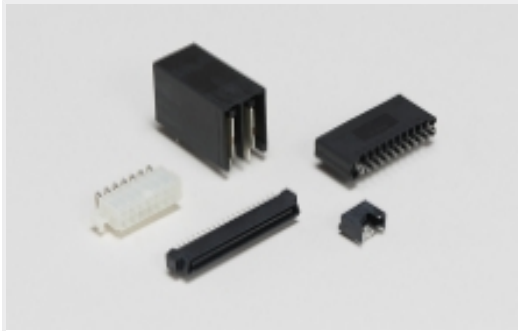
PCB Headers & Receptacles(70)



Rectangular Connector Housings(22)



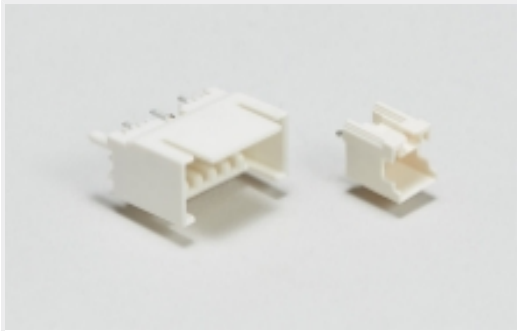
Rectangular Power Connectors(1)



Standard Rectangular Connectors(40)



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



Wire-to-Board Headers & Receptacles (70)

Customers Also Bought



TE Part #20012880-00
PRESS XDCR M3289-000004-05KPG

TE Part #4-179228-2
CT CRIMP-2 REC HSG 2P YELLOW

TE Part #292174-5
CT BOX HDR V SMT 5P O/TAPE NAT

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

TE Part #1-2232826-5
SGI2.0 header assembly TH 5P,key A, NTL

TE Part #1-2232826-6
SGI2.0 header assembly TH 6P,key A, NTL

TE Part #1-2232829-2
SGI2.0 HEADER ASSEMBLY SMT 2P, KEY A,NTL

TE Part #1-2232829-5
SGI2.0 HEADER ASSEMBLY SMT 5P, KEY A,NTL

TE Part #1-2232979-5
SGI2.0 PLUG ASSEMBLY 5P, KEY A, NTL

TE Part #1-2232979-6
SGI2.0 PLUG ASSEMBLY 6P, KEY A, NTL

Documents

Product Drawings

SGI2.0 PLUG ASSEMBLY 2P, KEY A,NTL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2232979-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2232979-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2232979-2_B.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

VDE Certificate

English