

2360545-4 ✓ ACTIVE

GRACE INERTIA | GRACE INERTIA 1.5

TE Internal #: 2360545-4

PCB Mount Header, Right Angle, Wire-to-Board, 4 Position, 1.5 mm

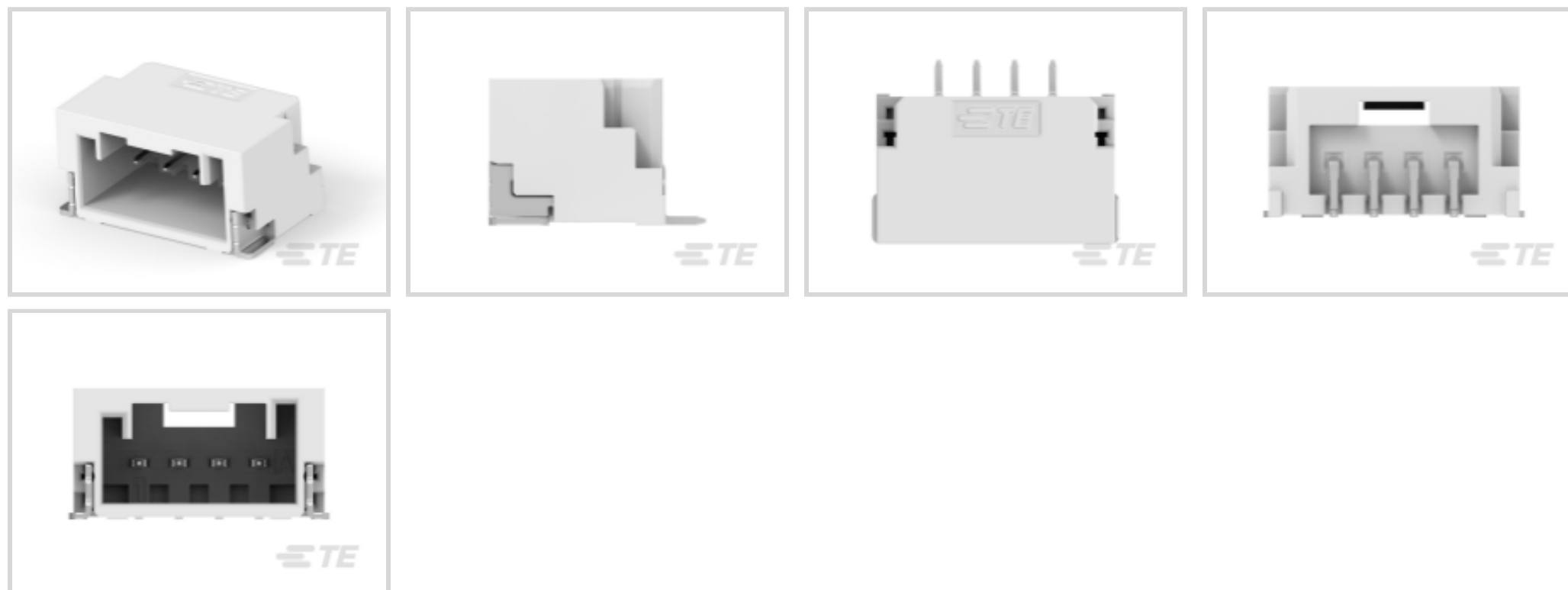
[.059 in] Centerline, Fully Shrouded, Tin (Sn), Surface Mount,

GRACE INERTIA 1.5

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **4**

Centerline (Pitch): **1.5 mm [ .059 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

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	4
Number of Rows	1

### Electrical Characteristics

Operating Voltage	50 VAC
Termination Resistance	20 mΩ



Insulation Resistance	500 MΩ
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Dielectric Withstanding Voltage (Max)	500 V
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### Body Features

Connector & Keying Code	A
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Primary Product Color	Natural
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### Contact Features

Mating Square Post Dimension	2.3 mm
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Contact Shape & Form	Square
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Contact Layout	Inline
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Contact Mating Area Plating Material	Tin (Sn)
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Contact Mating Area Plating Material Thickness	2 – 5 μm
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Contact Type	Pin
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Contact Current Rating (Max)	2 A
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### Termination Features

Termination Method to PCB	Surface Mount
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### Mechanical Attachment

Mating Retention Type	Latch
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PCB Mount Retention Type	Solder Peg
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Mating Alignment Type	Polarizing Rib
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PCB Mount Alignment Type	Solder Peg
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PCB Mount Alignment	Without
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Mating Retention	With
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PCB Mount Retention	With
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Connector Mounting Type	Board Mount
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### Housing Features

Mating Entry Location	Side
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Centerline (Pitch)	1.5 mm [.059 in]
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Housing Material	Nylon
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### Dimensions

Profile Height from PCB	7 mm
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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	GWEPT 750°C (Without Flame)
UL Flammability Rating	UL 94V-0

### Packaging Features

Packaging Method	Tape & Reel
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### Product Compliance

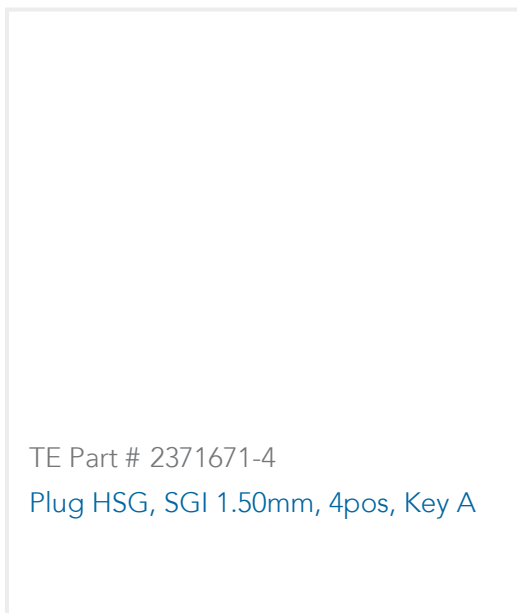
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

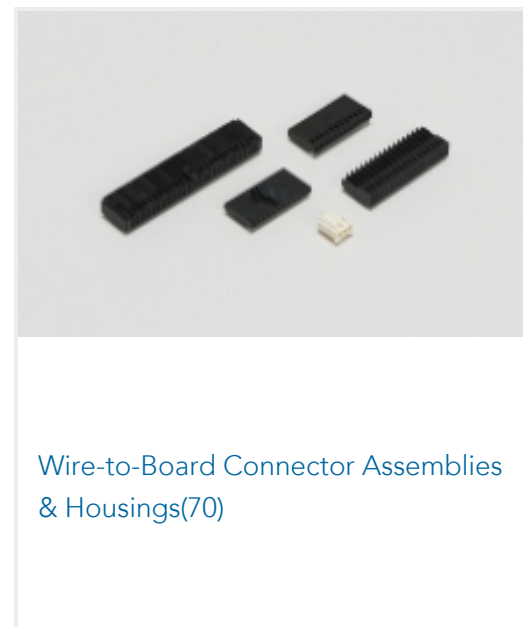
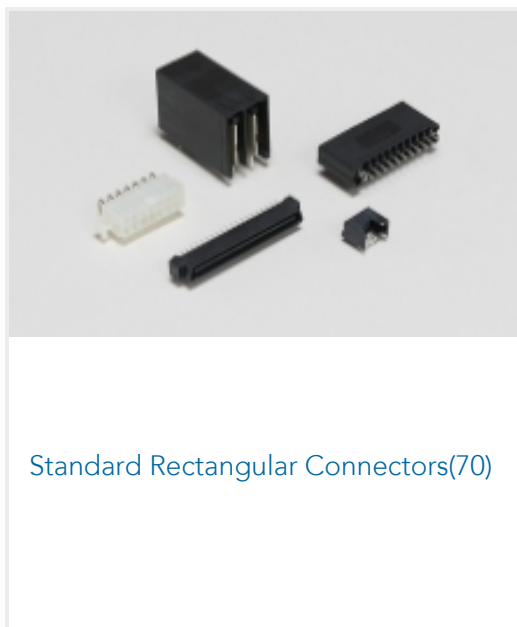
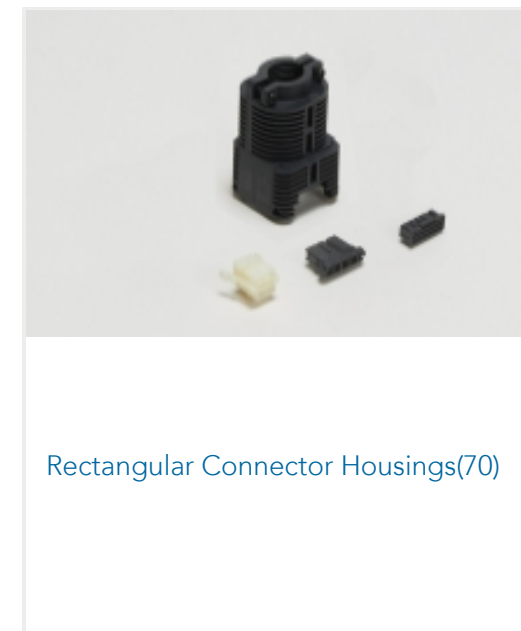
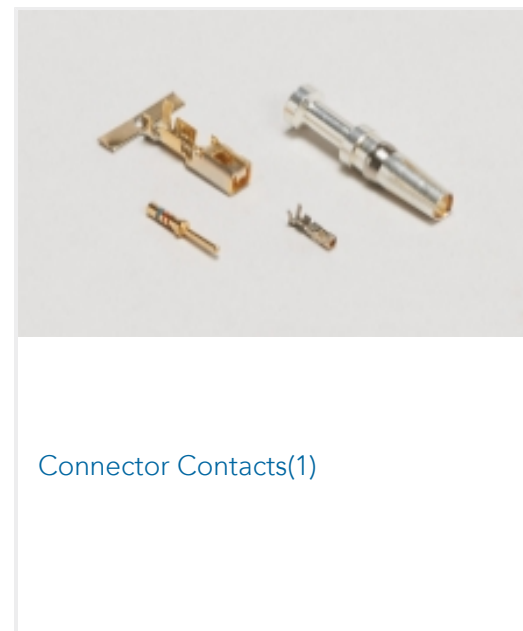
#### Product Compliance Disclaimer

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>

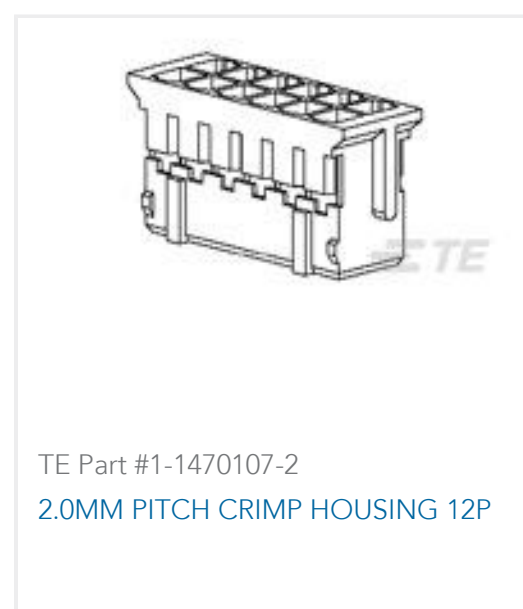
### Compatible Parts



## Also in the Series | GRACE INERTIA 1.5



## Customers Also Bought





## Documents

### Product Drawings

[SGI 1.5 HDR, 4P, RA, Key A, Natural](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2360545-4\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2360545-4\\_B.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2360545-4\\_B.3d\\_igs.zip](#)

English

[3D PDF](#)

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

### Agency Approvals

[VDE Certificate](#)

English