

2360545-5 ✓ ACTIVE



GRACE INERTIA 1.5

TE Internal #: 2360545-5

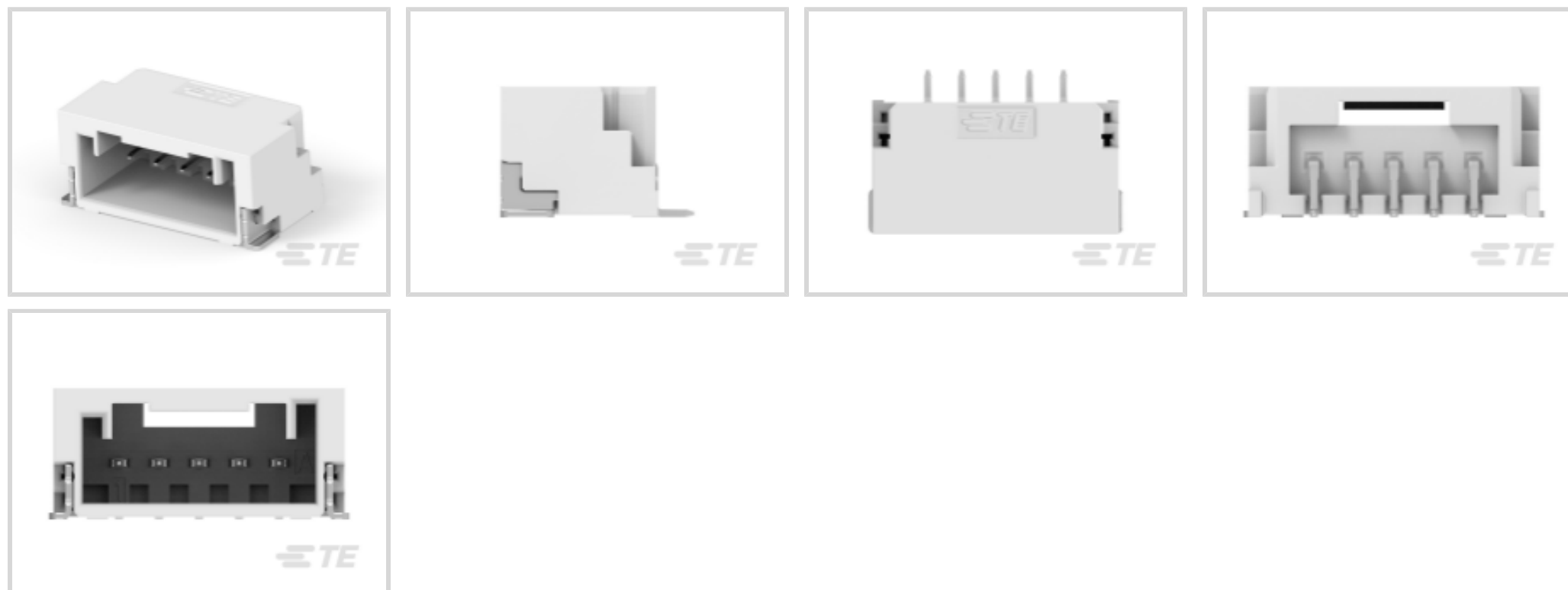
PCB Mount Header, Right Angle, Wire-to-Board, 5 Position, 1.5 mm

[.059 in] Centerline, Fully Shrouded, Tin, Surface Mount, Signal,

GRACE INERTIA 1.5

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **5**

Number of Rows: **1**

Features

Electrical Characteristics

Operating Voltage	50 VAC
Termination Resistance	20 mΩ
Insulation Resistance	500 MΩ
Dielectric Withstanding Voltage (Max)	500 V

Dimensions

Profile Height from PCB	5 mm
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Industry Standards

Glow Wire Rating	GWEPT 750°C (Without Flame)
UL Flammability Rating	UL 94V-0

Body Features

Connector & Keying Code	A
Primary Product Color	Natural

Operation/Application



Solder Process Feature	None
Assembly Process Feature	None
Shielded	No
Circuit Application	Signal

Mechanical Attachment

Mating Retention Type	Latch
Mating Retention	With
PCB Mount Retention Type	Solder Peg
Mating Alignment Type	Keyed, Polarization
PCB Mount Alignment Type	Solder Peg
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Contact Features

Contact Mating Area Plating Material Thickness	2 – 5 μ m
Mating Square Post Dimension	.3 mm
Contact Shape & Form	Square
Contact Layout	Inline
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	2 A

Housing Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	5
Number of Rows	1

Product Type Features

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

Termination Features

Termination Method to PCB	Surface Mount
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Usage Conditions

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

Packaging Method	Tape & Reel
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

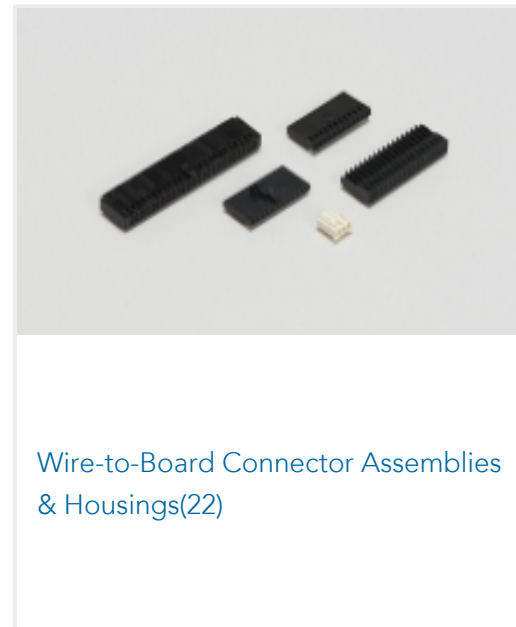
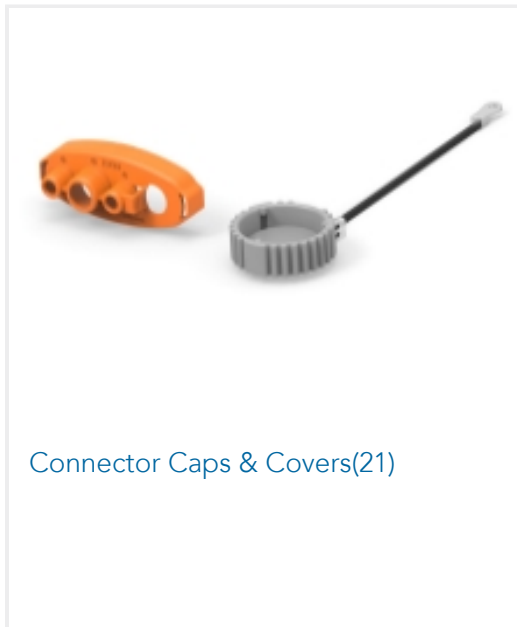
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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, 5P, RA, Key A, Natural](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2360545-5_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2360545-5_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2360545-5_B.2d_dxf.zip](#)

English

[3D PDF](#)

3D

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Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

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English