

GRACE INERTIA CONN 2.5 HDR ASSY 2P

NATUR ✓ ACTIVE

[Grace Inertia](#) | [Grace Inertia 2.5](#)

TE Part # 1747067-2

TE Internal #: 1747067-2

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **2**

Centerline (Pitch): **2.5 mm [.098 in]**

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	2
Number of Rows	1

Contact Features

Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.3 μm [11.81 μin]
Contact Current Rating (Max)	3 A

Termination Features



Termination Method to Wire & Cable	Solder
Termination Method to Printed Circuit Board	Through Hole

Mechanical Attachment

PCB Mount Alignment Type	Locating Posts
PCB Mount Retention Type	Kinked
PCB Mount Alignment	With
Mating Retention	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Color	Natural

Dimensions

Connector Length	12.5 mm[.492 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

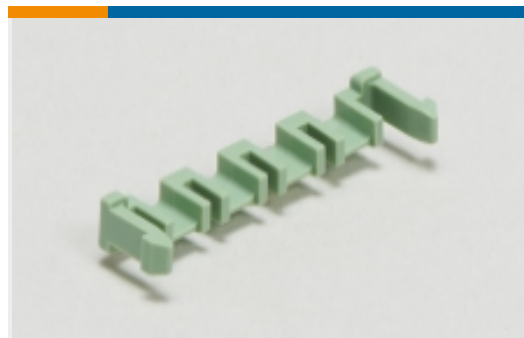


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | **Grace Inertia 2.5**



Connector Contacts(2)



PCB Latches, Locks & Retainers(5)



Rectangular Connector Housings(49)



Rectangular Connector Locking(2)



Rectangular Power Connectors(36)



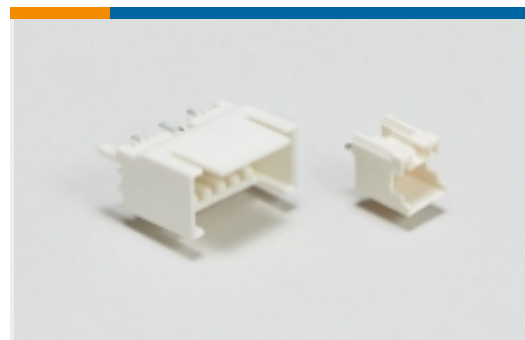
Standard Rectangular Connectors(1)



Wire-to-Board Connector Contacts(4)



Wire-to-Board Connector Housings(65)



Wire-to-Board Headers & Receptacles(90)

Customers Also Bought



TE Part #1-2328724-5
15PIN 0.3MMP FPC
CONNECTOR,FRONT FLIP



TE Part #2274843-2
CAGE ASSEMBLY, CFP2,
1X1



TE Part #5-1971798-3
NEW GI CONN2.5 HDR
ASMBLY 5P RED D1.0



TE Part #1747050-5
GRACE INERTIA
CONNECTOR 7.92 2POS
PLUG H



TE Part #1747050-3
GIC7.92 2POS PLUG HSG.
BLUE



TE Part #2232532-2
2P, PL RAST 5 Tab Header,
TH, Vertical



TE Part #4-1971895-3
3P, RAST 5 Tab Header,
THV



TE Part #5-2176380-4
RQ 0805 4K12 0.1% 10PPM
5K RL



TE Part #8-1879350-5
RR01 5% 680R AMMO

Documents

Product Drawings

GRACE INERTIA CONN 2.5 HDR ASSY 2P NATUR

Japanese

CAD Files

Customer View Model

[ENG_CVM_CVM_1747067-2_C.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1747067-2_C.3d_igs.zip](#)

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Customer View Model

[ENG_CVM_CVM_1747067-2_C.3d_stp.zip](#)

English

Product Specifications

[Application Specification](#)



Japanese

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