# 1747066-4 ✔ ACTIVE

GRACE INERTIA 2.5

TE Internal #: 1747066-4

Housing, Plug, Wire-to-Board, 4 Position, .098 in [2.5 mm] Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable, GRACE INERTIA 2.5

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings








Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **4**

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

## Features

### Product Type Features

| | |
|---|---|
| Connector Product Type | Housing |
| Connector & Housing Type | Plug |
| Connector System | Wire-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

| | |
|---|---|
| Number of Positions | 4 |
| Number of Rows | 1 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 50 VAC |

### Body Features

| | |
|---|---|
| Primary Product Color | Natural |

### Contact Features

| | |
|---|---|
| Contact Layout | Inline |
| Contact Type | Pin |
| Contact Base Material | Copper Alloy |

### Termination Features

| | |
|---|---|
| Termination Method to Wire & Cable | Crimp |

### Mechanical Attachment

| | |
|---|---|
| Strain Relief | Without |
| Panel Mount Feature | Without |
| PCB Mount Retention | Without |
| Mating Retention Type | Latch |
| Mating Retention | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

### Housing Features

| | |
|---|---|
| Housing Entry Configuration | Both Ends Open |
| Housing Material | Nylon 6/6 GF |
| Centerline (Pitch) | 2.5 mm[.098 in] |

### Dimensions

| | |
|---|---|
| Connector Length | 12.1 mm[.476 in] |
| Connector Height | 7.45 mm[.293 in] |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -30 - 105 °C[-22 - 221 °F] |

### Operation/Application

| | |
|---|---|
| Circuit Application | Power & Signal |

### Industry Standards

| | |
|---|---|
| Glow Wire Rating | Standard Part - Not Glow Wire |
| UL Flammability Rating | UL 94V-0 |

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 600 |
| Packaging Method | Bag |

## Product Compliance

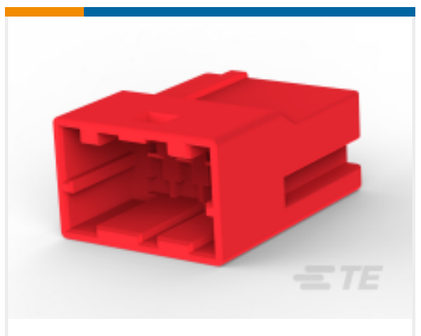
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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)<br>Candidate List Declared Against: JAN 2024 (240)<br>Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not applicable 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



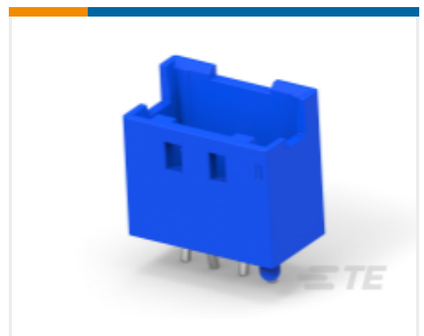
TE Part # 1-1903393-2
GIC 2.5 W CAP HSG 4P RED



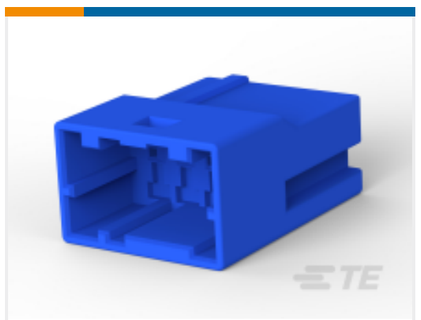
TE Part # 7-1747072-4
GRACE INERTIA CONN 2.5 ON TAPE HDR 4P BL



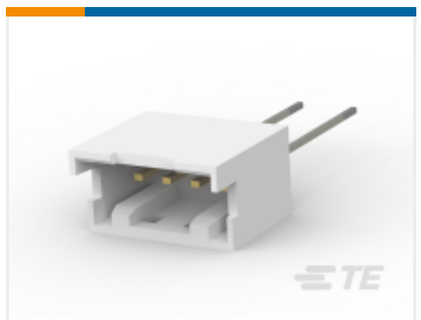
TE Part # CAT-G7534A-R2435
Sig GRACE INERTIA Receptacle



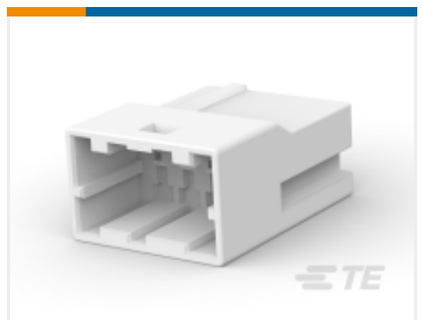
TE Part # 2-1747067-4
GRACE INERTIA CONN 2.5 HDR ASSY 4P BLUE



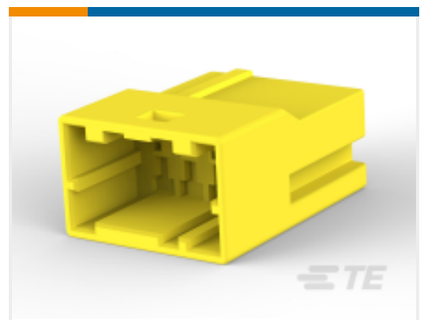
TE Part # 2-1903393-3
GIC 2.5 W CAP HSG 4P BLUE



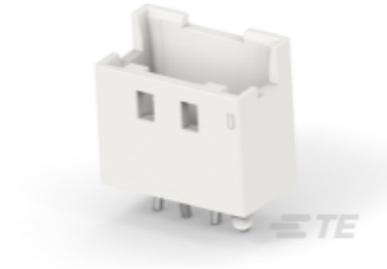
TE Part # 5-1747072-4
GRACE INERTIA CONN 2.5 ON TAPE HDR 4P NA



TE Part # 1903393-1
GIC 2.5 W CAP HSG 4P NATURAL



TE Part # 3-1903393-4
GIC 2.5 W CAP HSG 4P YELLOW



TE Part # 1747067-4
GRACE INERTIA CONN 2.5 HDR ASSY 4P NAT

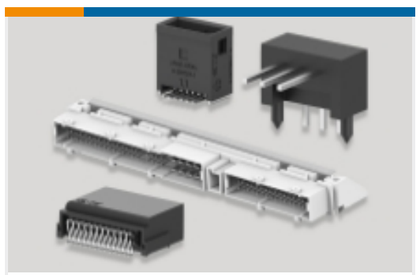
## Also in the Series | GRACE INERTIA 2.5



Connector Contacts(6)



Connector Hardware(7)



PCB Headers & Receptacles(138)



Rectangular Connector Housings(49)

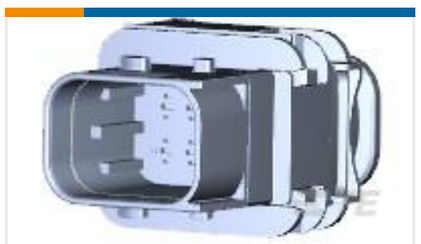


Rectangular Power Connectors(35)

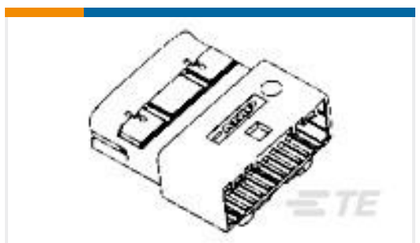


Wire-to-Board Connector Assemblies & Housings(46)

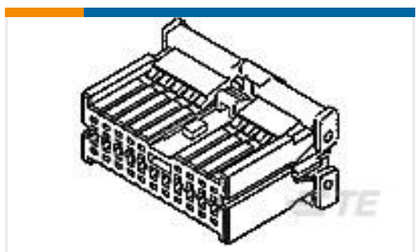
## Customers Also Bought



TE Part # 1-1564512-1
8POS,TAB 1.6X0.6,TAB HSG,ASSY



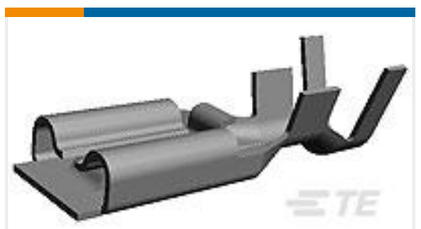
TE Part # 1376103-1
025 CONN CAP ASSY 24P



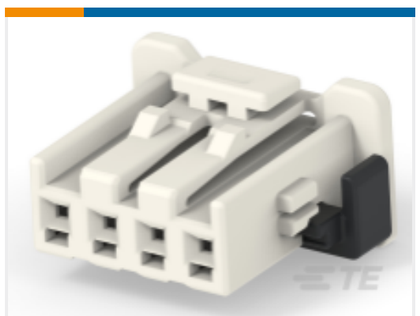
TE Part # 1123371-1
040-3 MLC PLUG HSG ASSY 16P



TE Part # 1376477-2
2.5MM PITCH SIGNAL MATE CONN



TE Part # 173724-5
PL EX 187 REC 20-14AWG PTPB



TE Part # 2337737-1
4POS,0.64 SERIES,REC HSG ASSY, COD A

# Documents

## Product Drawings

GRACE INERTIA CONN 2.5 PLUG HSG 4P NATUR

English

## CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_1747066-4_E1.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_1747066-4_E1.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_1747066-4_E1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

## Product Specifications

Application Specification

English