

1-2232784-2 ✓ ACTIVE



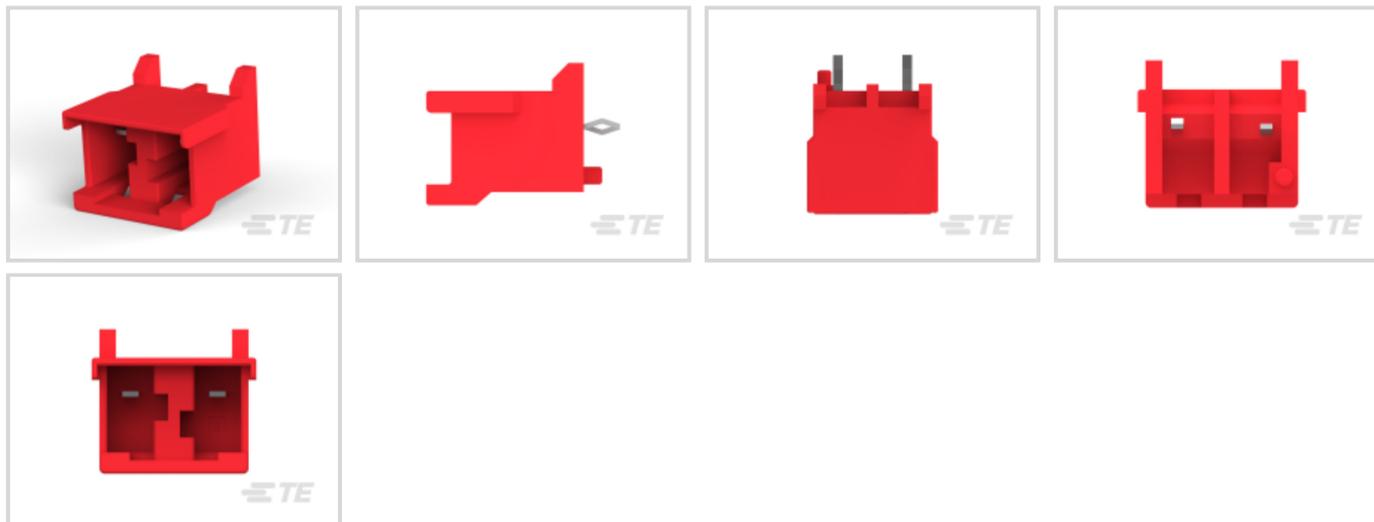
GRACE INERTIA 7.92

TE Internal #: 1-2232784-2

Rectangular Power Connectors, Header, Plug, Wire-to-Board, 2 Position, 7.92 mm [.312 in] Centerline, Printed Circuit Board, GRACE INERTIA 7.92

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

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

Number of Positions: **2**

Centerline (Pitch): **7.92 mm [.312 in]**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Header Type | Fully Shrouded |
| Rectangular Power Connector Type | Header |
| Connector & Housing Type | Plug |
| Connector System | Wire-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|----------------------------|----------|
| Number of Positions | 2 |
| PCB Mount Orientation | Vertical |
| Number of Power Positions | 2 |
| Number of Signal Positions | 0 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 300 VDC |
|-------------------|---------|



Contact Features

| | |
|--|---|
| Contact Current Rating (Max) | 10 A |
| Contact Retention Within Housing | Without |
| Contact Type | Tab |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material | Tin |
| Contact Mating Area Plating Material Thickness | .8 μm [.031 μin] |

Termination Features

| | |
|---|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
|---|-----------------------|

Mechanical Attachment

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

Housing Features

| | |
|--------------------|-------------------|
| Centerline (Pitch) | 7.92 mm [.312 in] |
| Housing Color | Red |
| Housing Material | Nylon 6/6 GF |

Usage Conditions

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

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

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

Packaging Features

| | |
|------------------|-----|
| Packaging Method | Bag |
|------------------|-----|

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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 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



Also in the Series | **GRACE INERTIA 7.92**



Documents

Product Drawings

[GIC 7.92MM CONN HDR ASS'Y 2POS RED](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2232784-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2232784-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2232784-2_A.3d_stp.zip](#)

English

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

Product Specifications

[5.0 POWER KEY CONNECTOR](#)

Japanese

[Application Specification](#)

Japanese

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English