

4-1903683-1 ✓ ACTIVE

## GRACE INERTIA 6.2

TE Internal #: 4-1903683-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 1 Position, Wire & Cable, UL 94V-0, Standard Part - Not Glow Wire, GRACE INERTIA 6.2

[View on TE.com >](#)



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors > STD Temp GRACE INERTIA Plug



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **1**

Sealable: **No**

[All STD Temp GRACE INERTIA Plug \(25\)](#)

### Features

#### Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

#### Configuration Features

Number of Positions	1
Number of Rows	1

#### Electrical Characteristics

Operating Voltage	600 VDC
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#### Contact Features

Multiple Contact Types	Without
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Contact Retention Within Housing	Without
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Contact Type	Receptacle
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### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Connector Mounting Type	Panel Mount
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### Housing Features

Housing Color	Natural
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Housing Material	Nylon 66
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### Dimensions

Width	13.5 mm
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### Usage Conditions

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

Assembly Integration Feature	Without
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Circuit Application	Power & Signal
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### Identification Marking

Circuit Identification Feature	Without
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### Industry Standards

UL Flammability Rating	UL 94V-0
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Glow Wire Rating	Standard Part - Not Glow Wire
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### Packaging Features

Packaging Method	Bag
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Packaging Quantity	500
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224)
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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

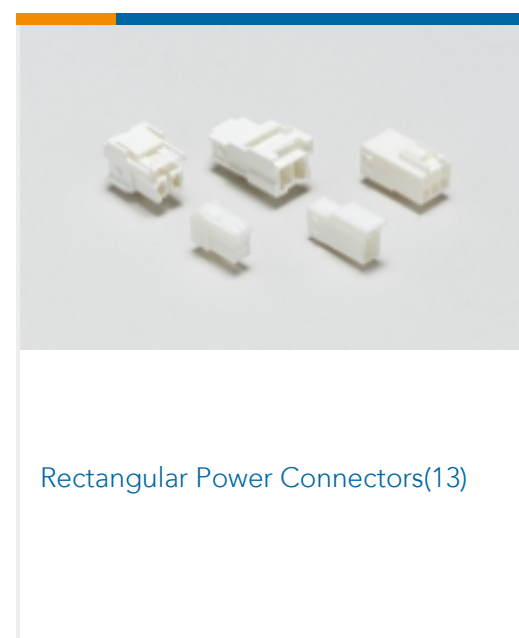
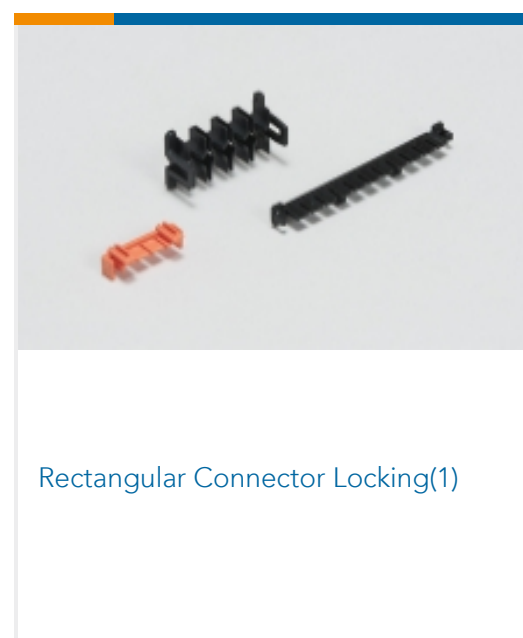
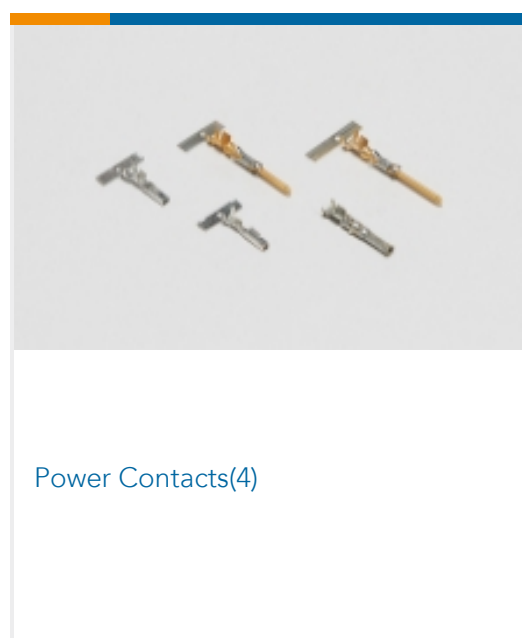
Product Compliance Disclaimer

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 6.2



## Documents

**Product Drawings**

GIC 6.2MM PITCH 1POS PLUG HSG

English



### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_4-1903683-1\\_F\\_c-4-1903683-1-f.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_4-1903683-1\\_F\\_c-4-1903683-1-f.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_4-1903683-1\\_F\\_c-4-1903683-1-f.3d\\_stp.zip](#)

English

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

### Product Specifications

#### Application Specification

English

### Agency Approvals

#### UL Report

English