

1565089-1 ✓ ACTIVE



## GRACE INERTIA 3.5

TE Internal #: 1565089-1

PCB Latches, Locks & Retainers, Double Lock Plate, 2 Position, .138 in [3.5 mm] Centerline, -22 – 221 °F [-30 – 105 °C], GRACE INERTIA 3.5

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Connectors > PCB Connectors > PCB Connector Accessories > PCB Connector Hardware > PCB Latches, Locks & Retainers



Connector & Contact Retention Accessory Type: **Double Lock Plate**

Number of Positions: **2**

Centerline (Pitch): **3.5 mm [ .138 in ]**

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

### Features

#### Product Type Features

|  |                   |
|--|-------------------|
| Connector & Contact Retention Accessory Type | Double Lock Plate |
|--|-------------------|

#### Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 2 |
|---------------------|---|

#### Body Features

|                          |                |
|--------------------------|----------------|
| Primary Product Material | Nylon 6/6 GF20 |
|--------------------------|----------------|

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

#### Housing Features

|                    |                  |
|--------------------|------------------|
| Centerline (Pitch) | 3.5 mm [.138 in] |
|--------------------|------------------|

#### Usage Conditions

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

#### Industry Standards

|                  |                               |
|------------------|-------------------------------|
| Glow Wire Rating | Standard Part - Not Glow Wire |
|------------------|-------------------------------|

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

#### Packaging Features



|                    |      |
|--------------------|------|
| Packaging Quantity | 2500 |
| Packaging Method   | Bag  |

**Other**

|                             |                                      |
|-----------------------------|--------------------------------------|
| Connector Accessory Comment | Use with Grace Inertia Connector 3.5 |
|-----------------------------|--------------------------------------|

**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 2023 (235)<br>Candidate List Declared Against: JAN 2023 (233)<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**





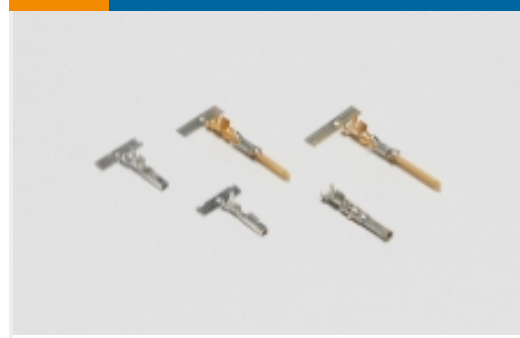
## Also in the Series | GRACE INERTIA 3.5



Insertion & Extraction Tools(1)



PCB Latches, Locks & Retainers(4)



Power Contacts(4)



Rectangular Power Connectors(63)

## Customers Also Bought



TE Part #1746973-1  
GRACE INERTIA Tab



TE Part #1565079-1  
GRACE INERTIA 3.5 REC CONTACT(L)



TE Part #2232575-1  
2.5 SIGNAL D/LOCK TAB CONT. M

## Documents

### Product Drawings

#### GRACE INERTIA CONNECTOR 3.5 2P

Japanese

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1565089-1\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1565089-1\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1565089-1\\_B.3d\\_stp.zip](#)

English

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

### Product Specifications

#### Product Specification

English

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English

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PCB Latches, Locks & Retainers, Double Lock Plate, 2 Position, .138 in [3.5 mm]  
Centerline, -22 – 221 °F [-30 – 105 °C], GRACE INERTIA 3.5



### Product Environmental Compliance

[MD\\_1565089-1\\_11012017352\\_dmtec](#)

English

[MD\\_1565089-1\\_11012017352\\_dmtec](#)

English