

1871822-1 ✓ ACTIVE



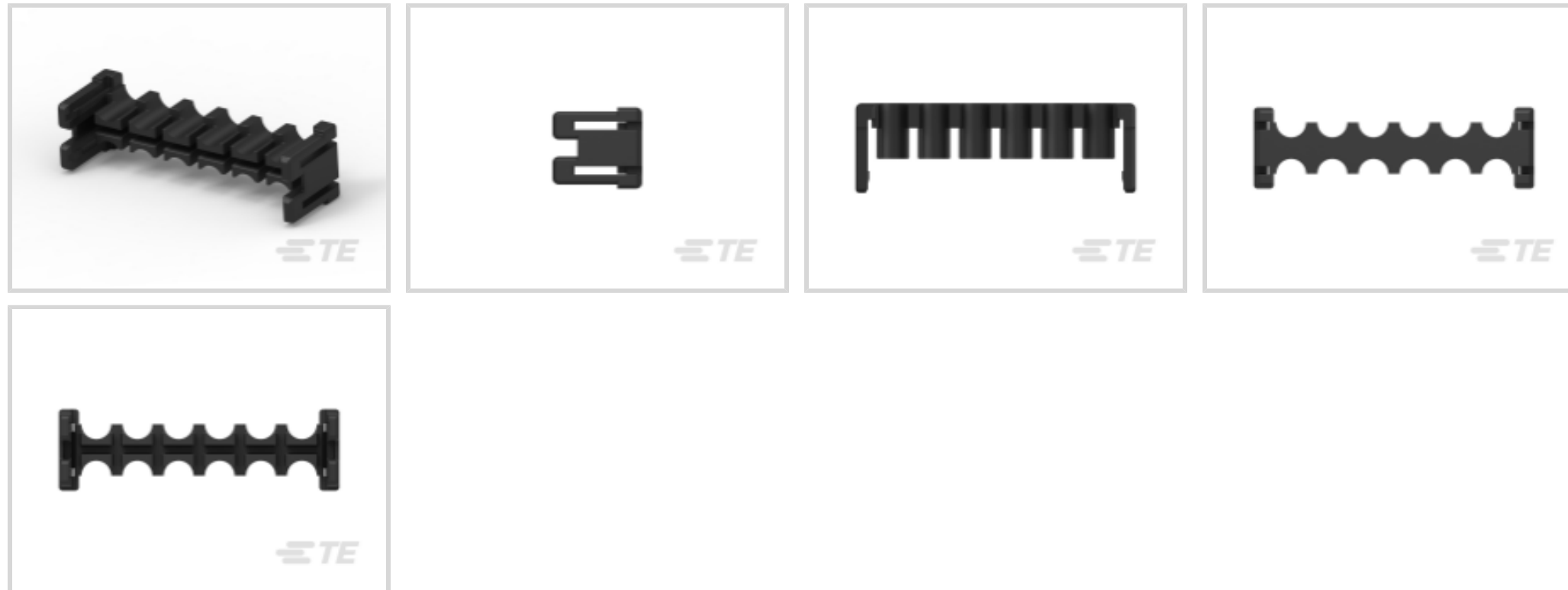
## GRACE INERTIA 3.3

TE Internal #: 1871822-1

PCB Latches, Locks & Retainers, Double Lock Plate, 12 Position, .129 in [3.3 mm] Centerline, -22 – 221 °F [-30 – 105 °C], GRACE INERTIA 3.3

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Connectors > PCB Connectors > PCB Connector Accessories > PCB Connector Hardware > PCB Latches, Locks & Retainers > GRACE INERTIA TPA



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

Number of Positions: **12**

Centerline (Pitch): **3.3 mm [ .129 in ]**

Row-to-Row Spacing: **4.12 mm [ .162 in ]**

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

[All GRACE INERTIA TPA \(8\)](#)

### Features

#### Product Type Features

Connector & Contact Retention Accessory Type	Double Lock Plate
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#### Configuration Features

Number of Positions	12
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#### Body Features

Primary Product Material	Nylon 6/6 GF20
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Primary Product Color	Black
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#### Housing Features

Centerline (Pitch)	3.3 mm[.129 in]
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#### Dimensions

Row-to-Row Spacing	4.12 mm[.162 in]
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#### Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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### Industry Standards

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

### Packaging Features

Packaging Quantity	500
Packaging Method	Bag

### Other

Connector Accessory Comment	Type M., Use with Grace Inertia Connector 3.3
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### 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) Candidate List Declared Against: JUNE 2023 (235) 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 # CAT-G7534-P729A  
Glow Wire GRACE INERTIA Plug



TE Part # 1-1971906-6  
HEADER ASSY 12POS,KEYING-A,  
NEW GIC3.3



TE Part # 2-1971904-3  
TPA 6POS,NEW GIC3.3



TE Part # CAT-G7534-T669  
GRACE INERTIA TPA



TE Part # 1871571-1  
GIC 3.3 HDR ASSY 12POS KINK



TE Part # 2-1871571-3  
GIC 3.3 HEADER ASSY 12POS



TE Part # 2-1971904-2  
TPA 4POS,NEW GIC3.3



TE Part # 2-1971904-4  
TPA 8POS,NEW GIC3.3



TE Part # 2-1971904-5  
TPA 10POS,NEW GIC3.3



TE Part # 2-1971906-6  
HEADER ASSY 12POS,KEYING-B,NEW  
GIC3.3



TE Part # 3-1971906-6  
HEADER ASSY 12POS,KEYING-C,  
NEW GIC3.3



TE Part # 4-1971906-6  
HEADER ASSY 12POS,KEYING-D,  
NEW GIC3.3




TE Part # 5-1871571-1  
GIC 3.3 HDR ASSY 12POS W/O KINK


Also in the Series | GRACE INERTIA 3.3



PCB Latches, Locks & Retainers(7)



Power Contacts(3)

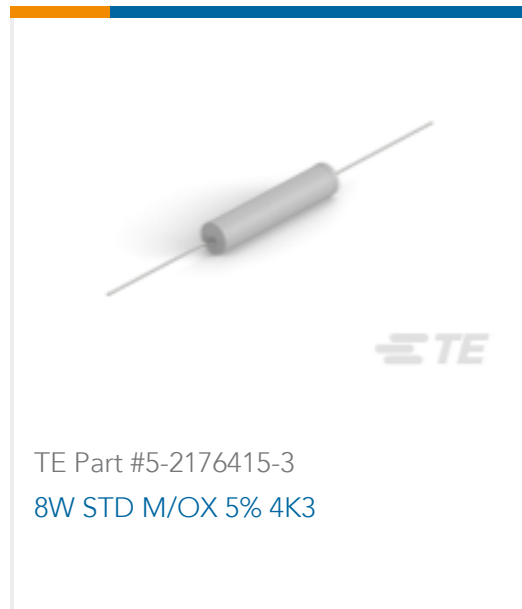


Rectangular Connector Locking(8)



Rectangular Power Connectors(70)

Customers Also Bought



## Documents

### Product Drawings

GIC 3.3 12P DBL LOCK PLATE(2-ROW,M-TYPE)

Japanese

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1871822-1\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1871822-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1871822-1\\_C.3d\\_stp.zip](#)

English

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

### Product Specifications



## Application Specification

Japanese

### GRACE INERTIA CONNECTOR 3.3 CONTACT

Japanese