

1871822-1 ✓ ACTIVE

GRACE INERTIA 3.3

TE Internal #: 1871822-1

Double Lock Plate, Black, Nylon 6/6 GF20, 12 Position, GRACE INERTIA 3.3

[View on TE.com >](#)



Connectors > Connector Accessories > Connector Hardware > GRACE INERTIA TPA



Hardware Accessory Function: **Latching, Locking & Retention**

Connector Hardware Accessory Type: **Double Lock Plate**

Primary Product Color: **Black**

Primary Product Material: **Nylon 6/6 GF20**

Number of Positions: **12**

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

Features

Product Type Features

Hardware Accessory Function	Latching, Locking & Retention
Connector Hardware Accessory Type	Double Lock Plate

Configuration Features

Number of Positions	12
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Body Features

Primary Product Color	Black
Primary Product Material	Nylon 6/6 GF20

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

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Operating Temperature (Max)	105 °C[221 °F]
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	500
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) Candidate List Declared Against: JAN 2024 (240) 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 # 2-1971904-4
TPA 8POS,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 # 2-1971904-5
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**



Connector Contacts(3)

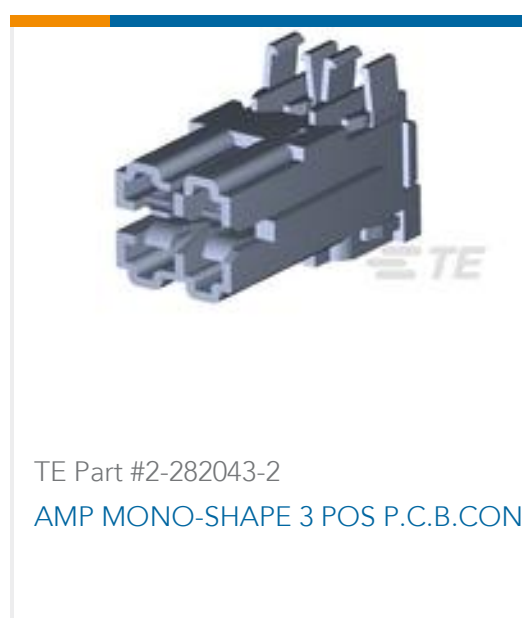


Connector Hardware(15)



Rectangular Power Connectors(69)

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1871822-1](#)