1565090-1 ✔ ACTIVE

GRACE INERTIA | GRACE INERTIA 3.5

TE Internal #: 1565090-1

Double Lock Plate, Natural, Nylon 6/6 GF20, 3 Position, GRACE INERTIA 3.5

View on TE.com >

Connectors > Connector Accessories > Connector Hardware







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

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

Primary Product Color: **Natural**

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

Number of Positions: **3**

Features

Product Type Features

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

Configuration Features

Number of Positions	3

Body Features

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

Housing Features

Centerline (Pitch)	3.5 mm[.138 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Industry Standards

UL Flammability Rating	UL 94V-0

Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Bag
Packaging Quantity	2500

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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-C1701
STD Temp GRACE INERTIA Cap

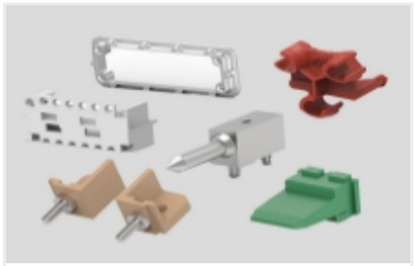


TE Part # CAT-G7534-P729
STD Temp GRACE INERTIA Plug

Also in the Series | GRACE INERTIA 3.5



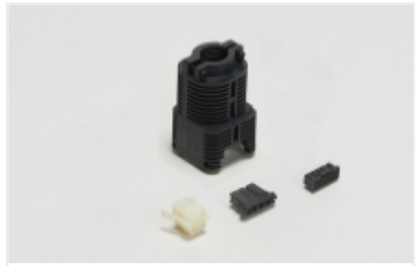
Connector Contacts(4)



Connector Hardware(7)



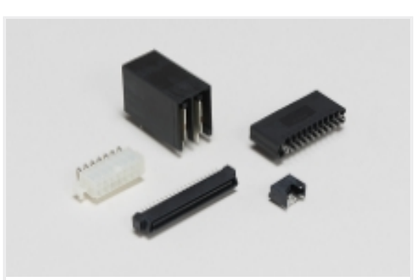
Power Contacts(4)



Rectangular Connector Housings(68)



Rectangular Power Connectors(68)



Standard Rectangular Connectors(68)



Wire-to-Board Connector Assemblies & Housings(1)

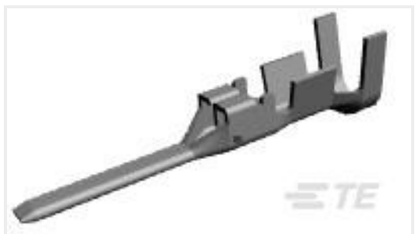
Customers Also Bought



TE Part #179466-1
AMP POWER DBL LOCK CAP HSG 6P



TE Part #316768-1
POWER DBL LOCK PLUG HSG 1P



TE Part #1565080-1
GRACE INERTIA 3.5 TAB CONTACT(L)



TE Part #4-1565081-2
GIC 3.5W 2P PLUG F



TE Part #1-1565082-2
GRACE INERTIA CONNECTOR 3.5 3P



TE Part #2-1565085-3
GRACE INERTIA CONNECTOR 3.5 2P



TE Part #1565089-1
GRACE INERTIA CONNECTOR 3.5 2P



TE Part #1612334-1
GRACE INERTIA 3.5 REC CONTACT (M)



TE Part #2232568-1
GIC 2.5 W PLUG HSG 2P NATURAL



TE Part #2232576-1
2.5 SIGNAL DBL LOCK REC CONT M

Documents

Product Drawings

GRACE INERTIA CONNECTOR 3.5 3P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1565090-1_A_c-1565090-1-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1565090-1_A_c-1565090-1-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1565090-1_A_c-1565090-1-a.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

GI 3.5W TPA Resin change

English

Product Specification

English

Product Specification

English

Instruction Sheets

Extraction Tool for GIC 3.5 Conn.

Japanese

Instruction Sheet (non U.S.)

Japanese