3-1903684-4 ✔ ACTIVE

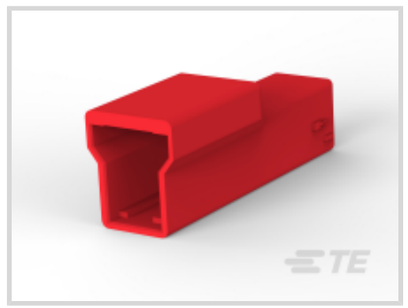
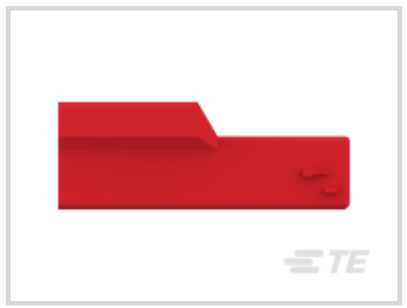
Grace Inertia | GRACE INERTIA 6.2

TE Internal #: 3-1903684-4

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

View on TE.com >

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




Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **1**

Sealable: **No**

All STD Temp GRACE INERTIA Cap (24)

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
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

Contact Features

Multiple Contact Types	Without

Contact Retention Within Housing	Without
Contact Type	Tab

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Panel Mount

Housing Features

Housing Color	Red
Housing Material	Nylon 66

Dimensions

Width	11.7 mm
Height	31.8 mm[1.25 in]
Length	10.1 mm

Usage Conditions

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

Operation/Application

Assembly Integration Feature	Without
Circuit Application	Power & Signal

Identification Marking

Circuit Identification Feature	Without

Industry Standards

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

Packaging Features

Packaging Method	Bag
Packaging Quantity	500

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	Not Yet Reviewed

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 2021 (211) Candidate List Declared Against: JUL 2017 (174) SVHC > Threshold: Not Yet Reviewed
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

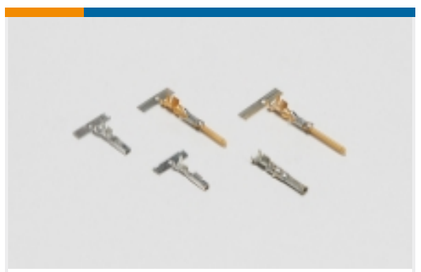
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # CAT-G7534-T111
GRACE INERTIA Tab

Also in the Series | GRACE INERTIA 6.2



Power Contacts(4)



Rectangular Power Connectors(14)

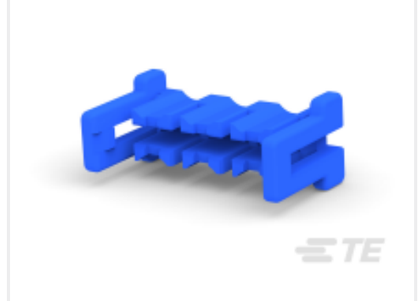
Customers Also Bought



TE Part #2-173985-9
AMP CT MT AMP-IN HDR-V BLU 9P



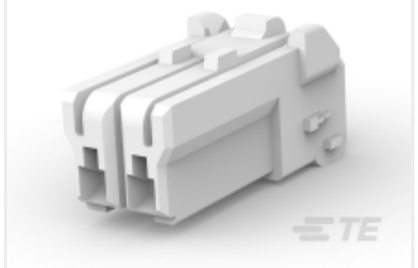
TE Part #2-1871570-3
Glow Wire GRACE INERTIA Plug



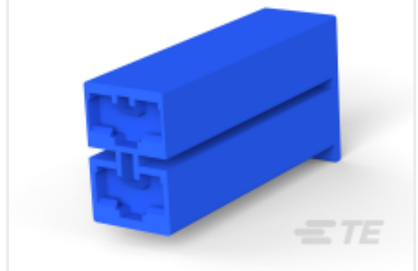
TE Part #1871822-1
GRACE INERTIA TPA



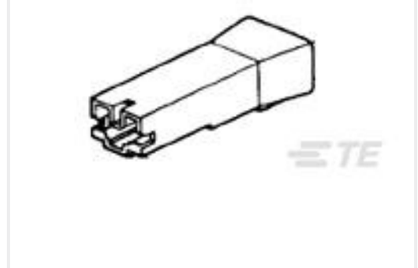
TE Part #177913-6
STD Temp Power Double Lock Cap



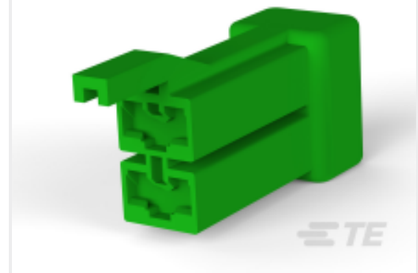
TE Part #1-1565084-2
STD Temp GRACE INERTIA Plug



TE Part #2-172210-6
PL MKII 187 REC HSG 2P BLUE



TE Part #177627-7
PL .250 (6.3 MM) HOUSING RECEPTACLE



TE Part #2-1318920-3
PL MKII 187 REC HSG 2P W/R GREEN





TE Part #8-1803001-3
ANVIL,COMBINATION, END FEED

Documents

Product Drawings

GIC 6.2MM PITCH 1POS CAP HSG RED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1903684-4_F_c-3-1903684-4-f.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1903684-4_F_c-3-1903684-4-f.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1903684-4_F_c-3-1903684-4-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