3-2232875-1 ✔ ACTIVE

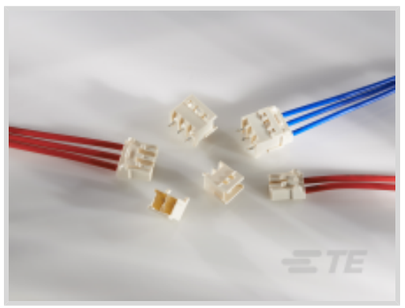
Grace Inertia | GRACE INERTIA 6.0

TE Internal #: 3-2232875-1

GRACE INERTIA 6.0, Rectangular Power Connectors, Housing, Plug, Wire-to-Board, 3 Position, 6mm [.236in] Centerline, Wire & Cable, UL 94V-0

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors > Glow Wire GRACE INERTIA Plug



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **3**

Centerline (Pitch): **6 mm [.236 in]**

All Glow Wire GRACE INERTIA Plug (79)

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	3
Number of Power Positions	3
Number of Signal Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	300 VDC

Contact Features

Contact Current Rating (Max)	9 A
Contact Retention Within Housing	With
Contact Type	Receptacle

Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.8 µm[31.5 µin]

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	6 mm[.236 in]
Housing Color	Natural
Housing Material	Nylon 6/6 GF

Dimensions

Wire Size	434.2 – 2723.5 CMA

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 750°C (Without Flame)

Packaging Features

Packaging Method	Box & Carton
Packaging Quantity	3200

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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-H342
Glow Wire GRACE INERTIA Header



TE Part # CAT-G7534-P729A
Glow Wire GRACE INERTIA Plug



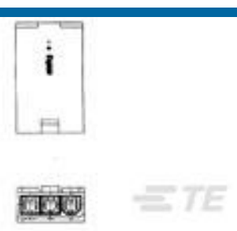
TE Part # 1376348-1
5MM POWER KEY CONN REC CONT M

Also in the Series | GRACE INERTIA 6.0



Rectangular Power Connectors(4)

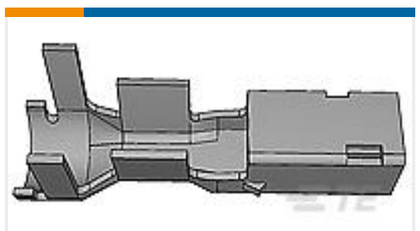
Customers Also Bought



TE Part #1586105-3
3P RCPT VAL-U-LOK SR V2



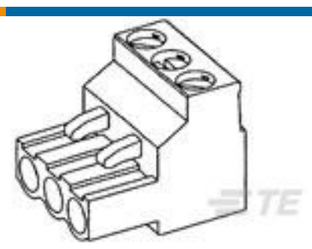
TE Part #1376348-1
5MM POWER KEY CONN REC CONT M



TE Part #1376347-1
5MM POWER KEY CONN REC CONT L



TE Part #1-1932031-2
DDR3 DIMM SOCKETS



TE Part #796640-4
4 POS 5.0 MM R/A PLUG,TRM BLK



TE Part #1-480699-0
02P UMNL CAP HSG NATL



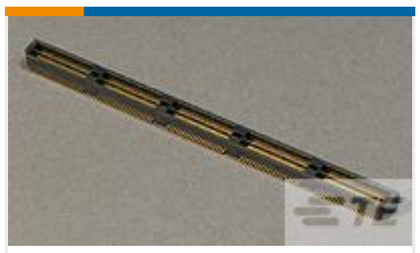
TE Part #1-794606-2
MICRO MNL RPT CNT STRP 30AU LF



TE Part #1742539-3
CLUSTER BLOCK RECEPT,TPCuFeP



TE Part #1-1986469-2
TSB2000K12DSHT=EUROPA BL,14.5M



TE Part #1658013-5
MSB0.80PL5ASY200FL,-,10,-TY

Documents

Product Drawings

GIC6.0MM CONNECTOR PLUG HOUSING 3POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2232875-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2232875-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2232875-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

1-1773873-1 6.0mm GRACE INERTIA connector flyer

English

1-1773883-5 GRACE INERTIA connector quick reference guide

English

Product Specifications

Engineering Specification

English

Agency Approvals

UL Report

English