

GRACE INERTIA 7.92

TE Internal #: 2-1747050-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Board, 2 Position, 7.92 mm [.312 in] Centerline, Wire & Cable, UL 94V-0,

GRACE INERTIA 7.92

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Rectangular Power Connector Type: Housing

Connector & Housing Type: Plug Connector System: Wire-to-Board

Number of Positions: 2

Centerline (Pitch): 7.92 mm [.312 in]

All Glow Wire GRACE INERTIA Plug (78)

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	2
Number of Power Positions	2
Number of Signal Positions	2
Number of Rows	1
Electrical Characteristics	

300 VDC

Operating Voltage



Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	10 A
Contact Retention Within Housing	With
Contact Type	Receptacle
Contact Mating Area Plating Material Thickness	.8 μm[31.5 μin]

Termination Features

Termination Method to Wire & Cable	Crimp	

Mechanical Attachment

Housing Features

Centerline (Pitch)	7.92 mm[.312 in]
Housing Color	Natural
Housing Material	Nylon 6/6 GF

Dimensions

Wire Size	434.18 – 2723.46 CMA

Usage Conditions

O :: T : D	20 405 001 00 004 051
Operating Temperature Range	-30 – 105 °C[-22 – 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	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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

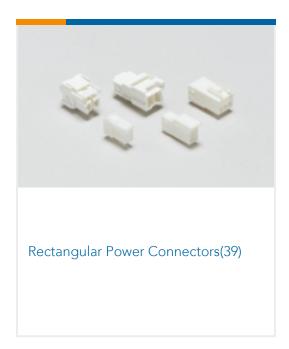
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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





Also in the Series | GRACE INERTIA 7.92



Customers Also Bought





TE Part #964203-1 STD PW TIMER CONTACT



TE Part #2238007-1 TERMINAL, PIN, LANCELESS, 22-26 AWG, EP2



TE Part #175193-1 187 PL EX FLAG REC. 22-16AWG PTBR





TE Part #2-1747050-4
GIC 7.92 2POS PLUG YELLOW
KEYING C



TE Part #1747995-1 GHC EYELET 6.2 3POS PLUG HOUSING NATURAL



TE Part #5-2295787-7 STD TIMER PLUG HSG 7P W/EXT. LOCKING-SP

TE Part #2825312-1

Documents

Product Drawings

GIC 7.92 2POS PLUG NAT KEYING C

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-1747050-1_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1747050-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1747050-1_F.3d_stp.zip

English

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

Product Specifications

5.0 POWER KEY CONNECTOR

Japanese

Application Specification

Japanese

Product Environmental Compliance

Product Compliance

English

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Product Compliance

English