

GRACE INERTIA 9.0

TE Internal #: 1903414-2

Rectangular Power Connectors, Housing, Plug, Wire-to-Board, 3 Position, 9 mm [.354 in] Centerline, Wire & Cable, UL 94V-0, GRACE

INERTIA 9.0

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): 9 mm [.354 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	3
Number of Power Positions	3

Electrical Characteristics

Number of Rows

Number of Signal Positions

Operating Voltage	600 VDC	

0



Contact Features

Contact Features	
Contact Layout	Inline
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	20 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	
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Centerline (Pitch)	9 mm[.354 in]
Housing Color	Red
Housing Material	Nylon 6/6 GF
Dimensions	
Wire Size	2427 – 7144 CMA
Usage Conditions	
Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Operation/Application	
Circuit Application	Power
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: JUNE 2023 (235) 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

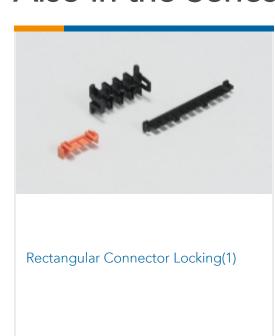
Compatible Parts







Also in the Series | GRACE INERTIA 9.0



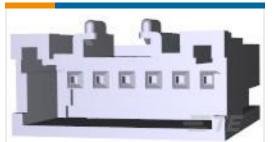


Customers Also Bought





TE Part #2-179958-3
DYNAMIC D-5200S REC HSG 3P K/Y



TE Part #316090-1 2.5 SIGNAL D/LOCK CAP HSG 6P



TE Part #316062-1
POWER DBL LOCK PLATE 3P /6.5MM



TE Part #1-770902-0
MINI UMNL SOK 26-22 AWG AU



TE Part #917723-1
2.5 SIGNAL D/LOCK HDR ASSY 3P



TE Part #2232905-1
EP 2.5 LIF RCPT CONTACT, 26-22
AWG



TE Part #1-178708-1 187 SLEEV PL EX FLAG NAT



TE Part #2-1969541-6 RETAINER, TPA, DUAL ROW, EP2.5



TE Part #2-2323743-6
HOUSING, PLUG, GWT, 26P, DUAL
ROW, EP2.5



TE Part #2232111-3 250 FASTON,FLAG,REC.,12-20 AWG, TPBR

Documents

Product Drawings
GHC 9.0 3POS PLUG HSG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1903414-2_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1903414-2_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1903414-2_K.3d_stp.zip

English

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

Product Specifications

Rectangular Power Connectors, Housing, Plug, Wire-to-Board, 3 Position, 9 mm [.354 in] Centerline, Wire & Cable, UL 94V-0, GRACE INERTIA 9.0



Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English