1-1747050-2 ✔ ACTIVE

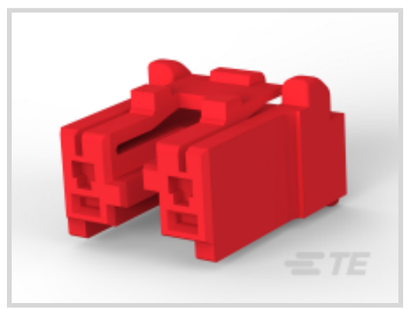
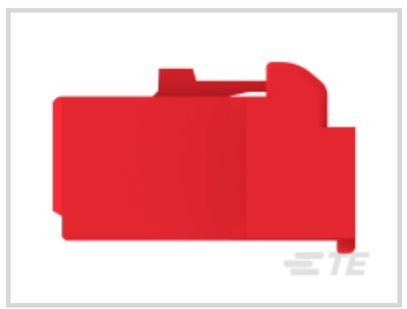
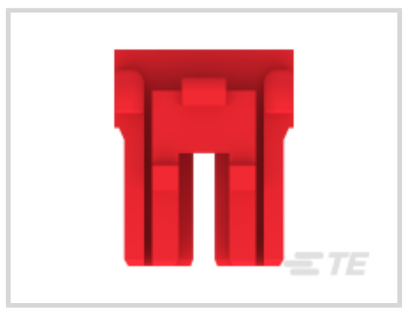
GRACE INERTIA | GRACE INERTIA 7.92

TE Internal #: 1-1747050-2

2 Position, Plug, Housing, Crimp, Wire-to-Board, Tin (Sn), UL 94V-0, 7.92 mm [.312 in] Centerline, 1 Row, 300 VAC, Wire & Cable, GRACE INERTIA 7.92

View on TE.com >

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



Connector Product Type: **Housing**

Mating Alignment: **With**

Mating Alignment Type: **Keyed**

Connector & Housing Type: **Plug**

Mating Retention Type: **Inertia Locking, Latch, Locking Latch**

All Glow Wire GRACE INERTIA Plug (78)

Features

Product Type Features

Connector Product 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 Rows	1
Number of Power Positions	2
Number of Signal Positions	2

Electrical Characteristics

Operating Voltage	300 VDC

Body Features

Connector & Keying Code	B
Primary Product Color	Red

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Alignment	With
Mating Alignment Type	Keyed
Mating Retention Type	Inertia Locking, Latch, Locking Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Connector Height	9.5 mm[.373 in]
Connector Length	13.52 mm[.531 in]
Wire Size	434.18 – 2723.46 CMA

Usage Conditions

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 Quantity	1500
Packaging Method	Bag

Product Compliance

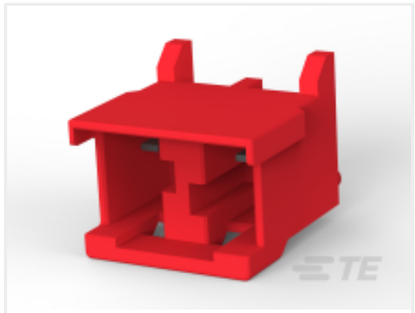
For compliance documentation, visit the product page on TE.com>

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 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

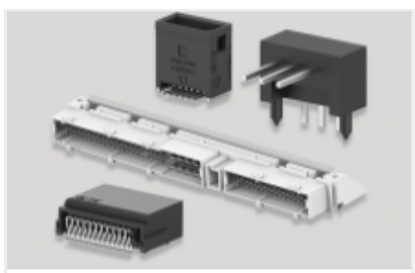


TE Part # 1-1747052-2
GIC 7.92MM CONN HDR ASS'Y 2POS RED



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

Also in the Series | GRACE INERTIA 7.92



PCB Headers & Receptacles(21)



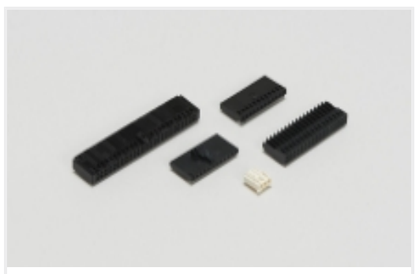
Rectangular Connector Housings(18)



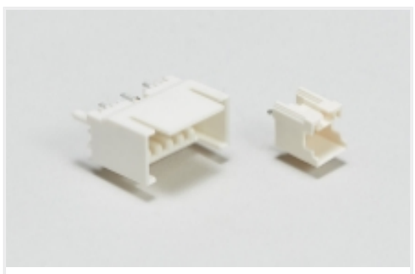
Rectangular Power Connectors(39)



Standard Rectangular Connectors(18)



Wire-to-Board Connector Assemblies & Housings(18)



Wire-to-Board Headers & Receptacles (21)

Customers Also Bought



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



TE Part #350687-2
UMNL SPLIT PIN AUBR



TE Part #6-917809-3
DYNAMIC D-5 TAB HSG D/R 6P Y-Y



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



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



TE Part #2382224-1
EP 2.5 RCPT CONTACT, 26-22 AWG, Low IF

Documents

Product Drawings

GIC 7.92MM PITCH CONNECTOR PLUG HSG 2POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1747050-2_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1747050-2_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1747050-2_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