

2-1747050-1 ✓ ACTIVE

GRACE INERTIA 7.92

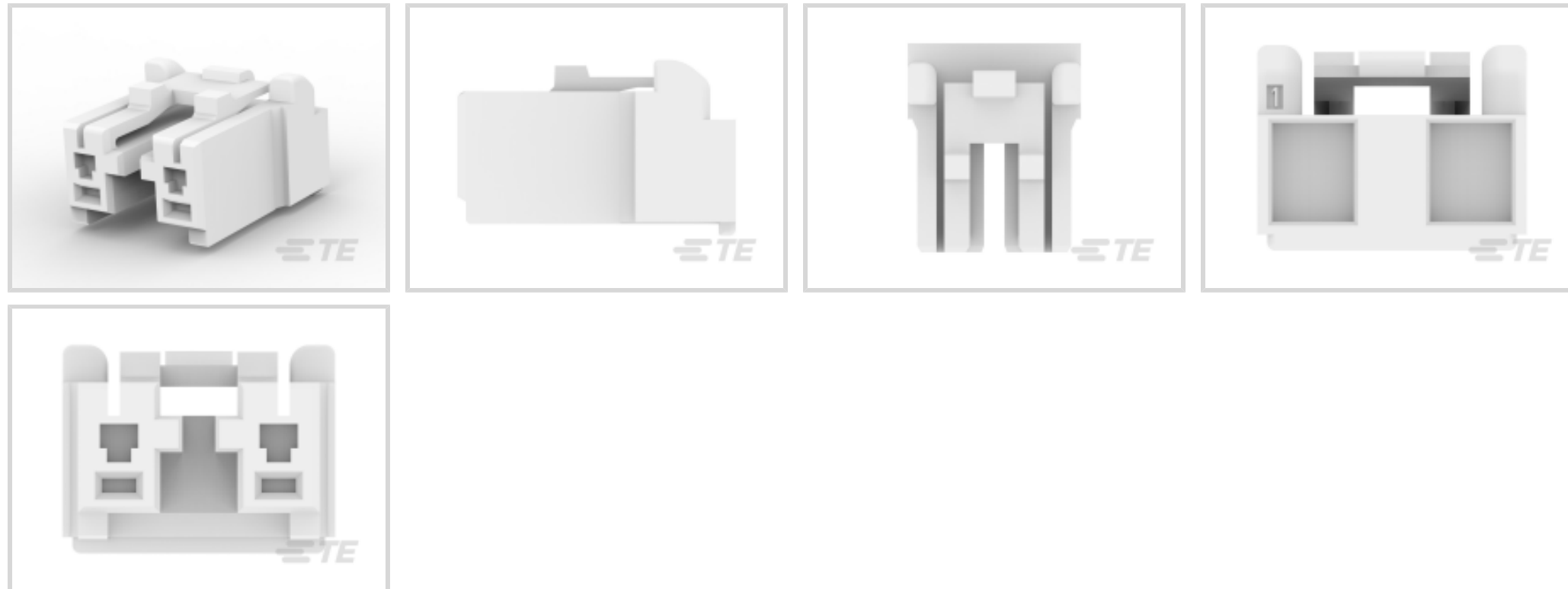
TE Internal #: 2-1747050-1

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

[View on TE.com >](#)



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



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

[All Glow Wire GRACE INERTIA Plug \(78\)](#)

Features

Other

EU RoHS Compliance **Compliant**

EU ELV Compliance **Compliant**

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
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Electrical Characteristics

Operating Voltage	300 VDC
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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 μ m[31.5 μ in]

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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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
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Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

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

Packaging Features

Packaging Method	Bag
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

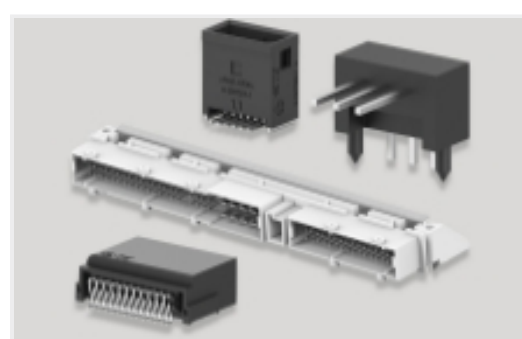


TE Part # 1-1747050-5
GIC 7.92 2POS PLUG GREEN KEYING B



TE Part # 2-1747052-1
GIC7.92 2POS_HDR ASS'Y NAT KEYING C

Also in the Series | GRACE INERTIA 7.92



PCB Headers & Receptacles(21)



Rectangular Power Connectors(18)

Customers Also Bought



TE Part #646274-1
2MM HM PIN PWR/GRD MODULE



TE Part #1-1624112-2
3650 0402 1.0nH 10% 2K RL



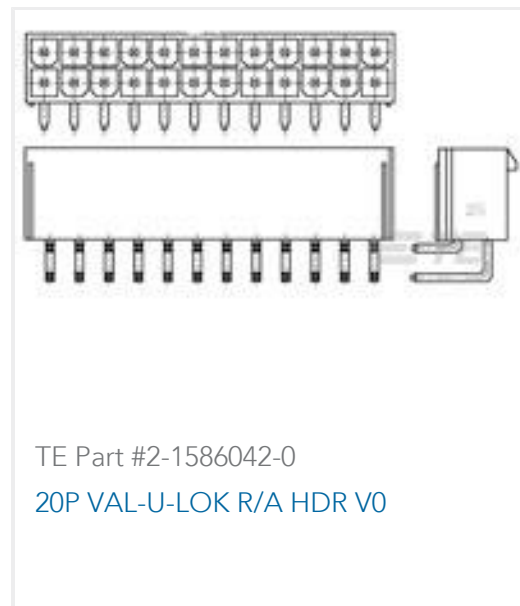
TE Part #746610-1
010 DIP PLUG 100CL TIN



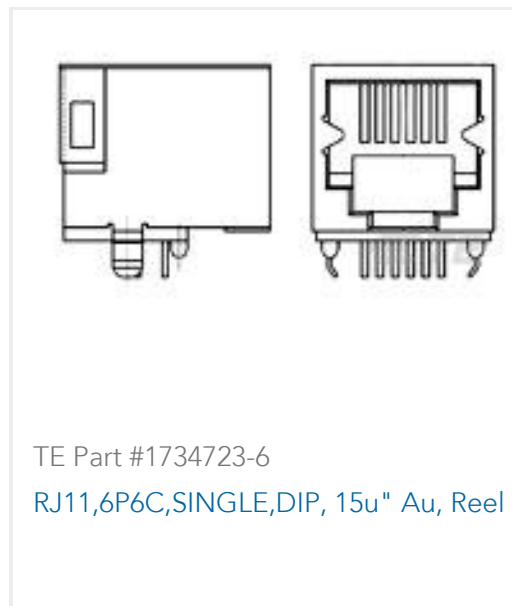
TE Part #770835-3
MINI UMNL PIN AU



TE Part #1747050-2
GIC 7.92 2POS PLUG RED KEYING A



TE Part #2-1586042-0
20P VAL-U-LOK R/A HDR V0



TE Part #1734723-6
RJ11,6P6C,SINGLE,DIP, 15u" Au, Reel



TE Part #5-146131-5
12 MODII HDR DRST SFMNT B/A LF

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

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Product Specifications

Application Specification

English