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# 2-1971905-7

PLUG HOUSING 14POS,KEYING-B,NEW GIC3.3



Grace Inertia | GRACE INERTIA 3.3

TE Internal #: **2-1971905-7**

TE Internal Description: **PLUG HOUSING 14POS,KEYING-B,NEW GIC3.3**

Product Type : **Plug**

Housing Type : **Plug Housing**

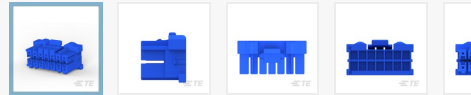
Connector System : **Wire-to-Board**

Number of Positions : **14**

Centerline (Pitch) : **3.3 mm [ .129 in ]**

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#### Documents

#### Features

#### Product Compliance

##### Product Drawings

PLUG HOUSING 14POS,KEYING-B,NEW GIC3.3

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English

##### CAD Files

3D PDF

[Download](#) 3D\_CVM\_CVM\_2-1971905-7\_C.pdf 3D

Customer View Model

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English

##### Datasheets & Catalog Pages

G13.3\_QRG\_CN

[Download](#) CHI\_DS\_7-1773465-7\_G13.3\_QRG\_CN\_0309.pdf

##### Product Specifications

Application Specification

[Download](#) ENG\_SS\_114-106094\_E.pdf English

Product Specification

[Download](#) ENG\_SS\_108-106094\_D.pdf English

##### Product

TE Material Declaration

Environmental Compliance

[ENG\\_PC\\_MD\\_2-1971905-7\\_MD\\_2-1971905-7\\_A\\_MD\\_2-1971905-7\\_12022013435\\_dmtec.pdf](#)  
English

Agency Approvals

UL Report  
[ENG\\_AAD\\_UL\\_E28476\\_20121031\\_D.pdf](#) English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features

Product Type : **Plug**  
Housing Type : **Plug Housing**  
Connector System : **Wire-to-Board**  
Sealable : **No**  
Connector & Contact Terminates To : **Wire & Cable**  
Contact Type : **Receptacle**

Configuration Features

Number of Positions : **14**  
Number of Power Positions : **14**  
Number of Signal Positions : **14**  
Number of Rows : **2**  
Row-to-Row Spacing : **5.2 mm [ .205 in ]**

Electrical Characteristics

Operating Voltage (VAC): **250**  
Operating Voltage (VDC): **250**

Contact Features

Contact Current Rating (Max) (A): **4**  
Contact Retention : **With**  
Contact Termination Area Plating Material : **Tin**  
Contact Mating Area Plating Material : **Tin**  
Contact Mating Area Plating Thickness : **2 µm [ 78.73 µin ]**  
Multiple Contact Types : **Without**

Termination Features

Termination Method to Wire & Cable : **Crimp**

Mechanical Attachment

Connector Mounting Type : **Cable Mount (Free-Hanging)**

Housing Features

Centerline (Pitch) : **3.3 mm [ .129 in ]**  
UL Flammability Rating : **UL 94V-0**  
Housing Color : **Blue**  
Housing Material : **PA 66 GF**

Dimensions

Wire Size (AWG): **24 – 20**  
Wire Size (mm<sup>2</sup>): **.204 – .517**  
Wire Size (CMA): **414.44 – 1045.97**  
Width (mm): **12.4**

Usage Conditions

Operating Temperature Range : **-30 – 105 °C [ -22 – 221 °F ]**



Operation/Application Circuit Application : **Power & Signal**  
Assembly Integration Feature : **Without**

Identification Marking Circuit Identification Feature : **Without**

Industry Standards Glow Wire Rating : **GWT 750°C (Without Flame)**  
Agency/Standard : **UL**

Packaging Features Packaging Method : **Bag**  
Packaging Quantity : **800**

EU RoHS Directive 2011/65/EU

*This declaration covers EU Directive 2011/65/EU incl. Delegated Directive 2015/863/EU. The restrictions under 2015/863/EU apply as of 22 July 2021 for EEE categories 8 (medical devices) and 9 (monitoring and control equipment).*

EU ELV Directive 2000/53/EC

China RoHS 2 Directive MIIT Order No 32, 2016

EU REACH Regulation (EC) No. 1907/2006 Current ECHA Candidate List: **JAN 2019 (197)**  
Candidate List Declared Against: **JAN 2019 (197)**

Halogen Content

Solder Process Capability Not reviewed for solder process capability

Statement of Compliance [Statement of Compliance pdf](#)

Compliance Documents There may be Environmental Compliance related documents on the [DOCUMENTATION Tab](#)

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

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**2-1971905-7**

PLUG HOUSING 14POS, KEYING-B, NEW GIC3.3



**In-Stock**

Product Type : **Plug**  
Housing Type : **Plug Housing**  
Connector System : **Wire-to-Board**  
Number of Positions : **14**  
Centerline (Pitch) : **3.3 mm**

RECTANGULAR POWER CONNECTORS

**4-1971905-7**

PLUG HOUSING 14POS, KEYING-D, NEW GIC3.3



**In-Stock**

Product Type : **Plug**  
Housing Type : **Plug Housing**  
Connector System : **Wire-to-Board**  
Number of Positions : **14**  
Centerline (Pitch) : **3.3 mm**

RECTANGULAR POWER CONNECTORS

**3-1971905-7**

PLUG HOUSING 14POS, KEYING-C, NEW GIC3.3



**Non-Stocked**

Product Type : **Plug**  
Housing Type : **Plug Housing**  
Connector System : **Wire-to-Board**  
Number of Positions : **14**  
Centerline (Pitch) : **3.3 mm**

RECTANGULAR POWER CONNECTORS

**2-1971905-5**

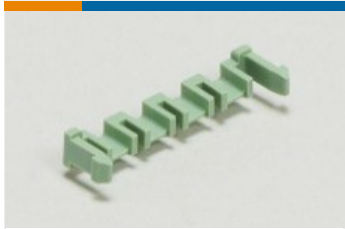
PLUG HOUSING 10POS, KEYING-B, NEW GIC3.3



**In-Stock**

Product Type : **Plug**  
Housing Type : **Plug Housing**  
Connector System : **Wire-to-Board**  
Number of Positions : **10**  
Centerline (Pitch) : **3.3 mm**

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