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6-1971906-7

HEADER ASSY 14POS,KEYING-B,NEW GIC3.3



Grace Inertia | GRACE INERTIA 3.3

TE Internal #: **6-1971906-7**

TE Internal Description: **HEADER ASSY 14POS,KEYING-B,NEW GIC3.3**

Product Type : **Header Assembly**

Housing Type : **Receptacle**

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

Number of Positions : **14**

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

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Feedback

Documents

Features

Product Compliance

Product Drawings

HEADER ASSY 14POS,KEYING-B,NEW GIC3.3

[↓ HEADER ASSY 14POS,KEYING-B,NEW GIC3.3](#)

English

CAD Files

3D PDF

[↓ 3D_CVM_CVM_6-1971906-7_A_c-6-1971906-7-a-3d.pdf](#) 3D

Customer View Model

[↓ ENG_CVM_CVM_6-1971906-7_A_c-6-1971906-7-a.2d_dxf.zip](#) English

[↓ ENG_CVM_CVM_6-1971906-7_A_c-6-1971906-7-a.3d_igs.zip](#) English

[↓ ENG_CVM_CVM_6-1971906-7_A_c-6-1971906-7-a.3d_stp.zip](#) English

Datasheets & Catalog Pages

G13.3_QRG_CN

[↓ CHI_DS_7-1773465-7_G13.3_QRG_CN_0309.pdf](#)

Product Specifications

Application Specification

[↓ ENG_SS_114-106094_E.pdf](#) English

Product Specification

[↓ ENG_SS_108-106094_D.pdf](#) English

Agency Approvals

UL Report

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 : **Header Assembly**
 Housing Type : **Receptacle**
 Connector System : **Wire-to-Board**
 Sealable : **No**
 Connector & Contact Terminates To : **Printed Circuit Board**
 Contact Type : **Tab**

Configuration Features
 Number of Positions : **14**
 PCB Mount Orientation : **Vertical**
 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 : **78.73 µm [2 µin]**

Termination Features
 Termination Method to Printed Circuit Board :
Through Hole - Solder

Mechanical Attachment
 Connector Mounting Type : **Board Mount**

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 (mm²): **.21 – .53**
 Wire Size (CMA): **414.44 – 1045.97**

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

Operation/Application
 Circuit Application : **Power & Signal**

Industry Standards
 Glow Wire Rating : **GWT 750°C (Without Flame)**



Packaging
Features

Packaging Method : **Box & Tray**

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: **JUL 2017 (174)**

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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6-1971906-7
 HEADER ASSY 14POS, KEYING-B,
 NEW GIC3.3



In-Stock

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

RECTANGULAR POWER CONNECTORS
2-1971906-7
 HEADER ASSY 14POS, KEYING-B,
 NEW GIC3.3



Non-Stocked

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

RECTANGULAR POWER CONNECTORS
1-1971906-7
 HEADER ASSY 14POS, KEYING-A,
 NEW GIC3.3



In-Stock

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

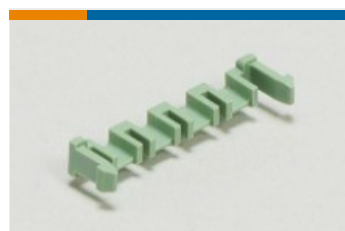
RECTANGULAR POWER CONNECTORS
3-1971906-7
 HEADER ASSY 14POS, KEYING-C,
 NEW GIC3.3



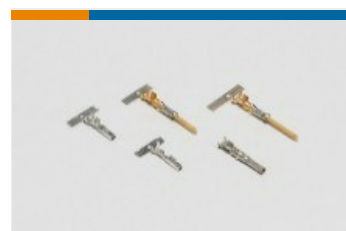
Non-Stocked

Product Type : **Header Assembly**
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