GHC 9.0 3POS PLUG HSG








✔ ACTIVE

Grace Inertia | Grace Inertia

TE Part # **1903414-2**
TE Internal #: **1903414-2**

Product Type : **Plug**
Housing Type : **Plug Housing**
Connector System : **Wire-to-Board**
Number of Positions : **3**
Centerline (Pitch) : **9 mm [.354 in]**

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DOCUMENTS | FEATURES | PRODUCT COMPLIANCE

Product Drawings

GHC 9.0 3POS PLUG HSG

GHC 9.0 3POS PLUG HSG English

CAD Files

3D PDF

3D_CVM_CVM_1903414-2_K.pdf 3D

Customer View Model

ENG_CVM_CVM_1903414-2_K.2d_dxf.zip
English

ENG_CVM_CVM_1903414-2_K.3d_igs.zip
English

ENG_CVM_CVM_1903414-2_K.3d_stp.zip
English

Product Specifications

GRACE INERTIA CONNECTOR 6.2MM PITCH

JPN_SS_114-5356_B.tif Japanese

Application Specification

JPN_SS_114-5356_B.pdf Japanese

Engineering Report

ENG_SS_502-139148_B.pdf English

Product Specification

ENG_SS_108-78357_B1.pdf English

Agency Approvals

UL Report

ENG_AAD_UL_E28476_20121215_A.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 : **3**

Number of Power Positions : **3**

Number of Signal Positions : **0**

Number of Rows : **1**

Electrical Characteristics

Operating Voltage (VAC): **600**

Operating Voltage (VDC): **600**

Contact Features

Contact Current Rating (Max) (A): **20**

Contact Retention : **With**

Contact Termination Area Plating Material : **Pre-Tin**

Contact Mating Area Plating Material : **Pre-Tin**

Contact Mating Area Plating Thickness : **.8 µm [31.5 µin]**

Contact Layout : **Inline**

Termination Features

Wire/Cable Size (AWG): **16 – 12**

Wire/Cable Size (mm^2): **1.23 – 3.62**

Wire/Cable Size (CMA): **2427 – 7144**

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

Mechanical Attachment

Connector Mounting Type : **Cable Mount**

Housing Features	Centerline (Pitch) : **9 mm [.354 in]** UL Flammability Rating : **UL 94V-0** Housing Color : **Red** Housing Material : **Nylon 6/6 GF**
Usage Conditions	Operating Temperature Range : **-40 – 105 °C [-40 – 221 °F]** Sealed Condition : **Not Sealed**
Operation/Application	Circuit Application : **Power**
Industry Standards	Glow Wire Rating : **GWT 750°C (Without Flame)**
Packaging Features	Packaging Method : **Bag**
Statement of Compliance	Statement of Compliance pdf

Compatible Parts



TE Part # 1903415-1
GHC 9.0 3POS HDR ASSY

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TE Part # 1746971-1
GRACE INERTIA CONNECTOR

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TE Part # 1746972-1
GRACE INERTIA CONNECTOR

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TE Part # 2232563-1
GHC 9.0MM 3POS TPA HSG

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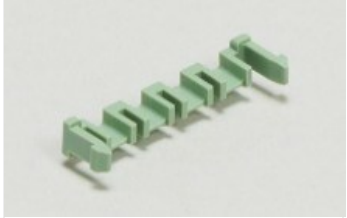
Connector Contacts (2)



PCB Latches, Locks & Retainers (16)



Power Contacts (9)



Rectangular Connector Housings (69)