

GHC 9.0 3POS PLUG HSG RED



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TE Part # **1-1903414-2**

TE Internal #: **1-1903414-2**

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	<p>GHC 9.0 3POS PLUG HSG RED</p> <p> GHC 9.0 3POS PLUG HSG RED English</p>	
CAD Files	<p>3D PDF</p> <p> 3D_CVM_CVM_1-1903414-2_K.pdf 3D</p> <p>Customer View Model</p> <p> ENG_CVM_CVM_1-1903414-2_K.2d_dxf.zip English</p> <p> ENG_CVM_CVM_1-1903414-2_K.3d_igs.zip English</p> <p> ENG_CVM_CVM_1-1903414-2_K.3d_stp.zip English</p>	
Product Specifications	<p>GRACE INERTIA CONNECTOR 6.2MM PITCH</p> <p> JPN_SS_114-5356_B.tif Japanese Application Specification</p> <p> JPN_SS_114-5356_B.pdf Japanese Engineering Report</p> <p> ENG_SS_502-139148_B.pdf English Product Specification</p> <p> ENG_SS_108-78357_B1.pdf English</p>	
Agency Approvals	<p>UL Report</p> <p> ENG_AAD_UL_E28476_20121215_A.pdf English</p>	

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 μ m [31.5 μ in]

Termination Features

Wire/Cable Size (AWG): **16 – 12**
Wire/Cable Size (mm²): **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**

Dimensions

Length (mm): **26.4**

Height (mm): **22.9**

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**

Packaging Quantity : **100**

Other

For Use With : **Header Assembly : 1-1903415-1**

Statement of Compliance

[Statement of Compliance pdf](#)

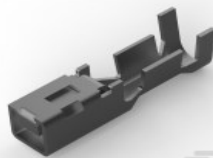
Compatible Parts



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

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TE Part # 1746971-1
GRACE INERTIA
CONNECTOR

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TE Part # 1746972-1
GRACE INERTIA
CONNECTOR

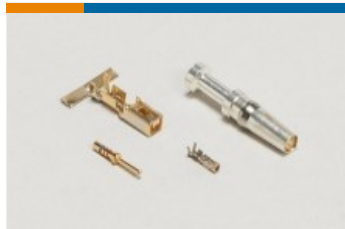
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GHC 9.0MM 3POS
TPA HSG

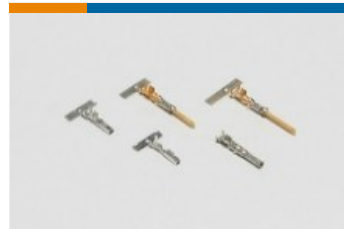
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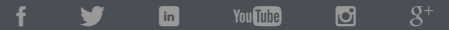
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