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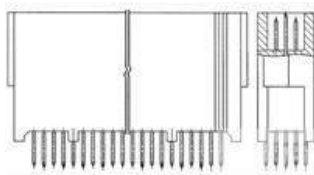
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5149011-5

MS,738PLUG,120,ASSY,125

TE Internal #: **5149011-5**

TE Internal Description:

MS,738PLUG,120,ASSY,125PCB Connector Assembly Type : **PCB Mount
Header**PCB Mount Orientation : **Vertical**Connector System : **Board-to-Board**Number of Positions : **120**Centerline (Pitch) : **1.27 mm [.05 in]** [Digital Datasheet](#)**We are here to help!**

Get in touch with our product experts.

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This product is no longer available or recommended for use.

REQUEST PRICING

Documents

Features

Product Compliance

Product Drawings

MS,738PLUG,120,ASSY,125

 [MS,738PLUG,120,ASSY,125](#)

English

CAD Files

3D PDF

 [3D_CVM_CVM_5149011-5_B.pdf](#)

3D

Customer View Model

 [ENG_CVM_CVM_5149011-5_B.2d_dxf.zip](#)

English

 [ENG_CVM_CVM_5149011-5_B.3d_igs.zip](#)

English

 [ENG_CVM_CVM_5149011-5_B.3d_stp.zip](#)

English

Product
Specifications

Application Specification

 [ENG_SS_114-11005_H.pdf](#)

English



Product Specification

 [ENG_SS_108-1272_A.pdf](#)

English

Qualification Test Report

 [ENG_SS_501-235_C.pdf](#)

English

Connector, Micro-Strip, Board to Board

 [S_501-235_C.tif](#)

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

PCB Connector Assembly Type : **PCB Mount Header**
Connector System : **Board-to-Board**
Sealable : **No**
Connector & Contact Terminates To : **Printed Circuit Board**

Configuration
Features

Stackable : **Yes**
Number of Rows : **2**
PCB Mount Orientation : **Vertical**
Number of Positions : **120**

Electrical
Characteristics

Operating Voltage (VAC): **30**
Insulation Resistance (MΩ): **2**

Contact Features

Contact Base Material : **Phosphor Bronze**
PCB Contact Termination Area Plating Material : **Tin**
Contact Mating Area Plating Material Finish : **Matte**
Contact Shape & Form : **Square**
PCB Contact Termination Area Plating Material Finish : **Matte**
PCB Contact Termination Area Plating Material Thickness :
2.54 – 7.62 μm [100 – 300 μin]
Contact Mating Area Plating Material : **Gold**
Contact Mating Area Plating Material Thickness :
.76 μm [30 μin]
Contact Type : **Tab**
Contact Current Rating (Max) (A): **10.5**
Contact Mating Area Length : **4.83 mm [.19 in]**
Contact Layout : **Staggered**

Termination
Features

Termination Post & Tail Length : **3.18 mm [.125 in]**
Termination Method to Printed Circuit Board :
Through Hole - Solder

Mechanical
Attachment

PCB Mount Retention Type : **Solder Tail**
Mating Alignment : **With**
Mating Alignment Type : **Guides**
PCB Mount Retention : **With**
PCB Mount Alignment : **With**
Connector Mounting Type : **Board Mount**
PCB Mount Alignment Type : **Post Polarization**

Housing Features	Centerline (Pitch) : 1.27 mm [.05 in] Housing Material : Matte
Dimensions	Connector Height : 16.46 mm [.648 in] Row-to-Row Spacing : 2.54 mm [.1 in] Stack Height (mm): 18.75, 38.94 Stack Height (in): 1.533 PCB Thickness (Recommended) (in): .76
Usage Conditions	Operating Temperature Range : -65 – 125 °C [-85 – 257 °F]
Operation/Application	Assembly Process Feature : None Solder Process Feature : Board Standoff Circuit Application : Signal
Packaging Features	Packaging Quantity : 7 Packaging Method : Tube
Statement of Compliance	Statement of Compliance pdf