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5650473-5

Eurocard Connectors, Plug, Board-to-Board, Termination Post & Tail Length 2.64 mm [.104 in], 96 Position, 2.54mm [.1in] Centerline



EUROCARD

TE Internal #: **5650473-5**

TE Internal Description:

ASSY,PIN,EUROCARD,TYPE C,LEAD-Connector & Housing Type : **Plug**Connector System : **Board-to-Board**Termination Post & Tail Length : **2.64 mm [.104 in]**Number of Positions : **96**Centerline (Pitch) : **2.54 mm [.1 in]** [Digital Datasheet](#)

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Documents

Features

Product Compliance

Product Drawings

ASSY,PIN,EUROCARD,TYPE C,LEAD-

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ASSY,PIN,EUROCARD,TYPE C,LEAD-

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CAD Files

PCB Design

[Download symbol & footprint \(SnapEDA\)](#)[Download symbol & footprint \(Ultra Librarian\)](#)

3D PDF

 [3D_CVM_CVM_5650473-5_B.pdf](#)

3D

Customer View Model

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English

 [ENG_CVM_CVM_5650473-5_B.3d_igs.zip](#)

English

 [ENG_CVM_CVM_5650473-5_B.3d_stp.zip](#)

English

Product

Application Specification



Specifications

 [ENG_SS_114-26012_A.pdf](#)

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Application Specification

 [ENG_SS_114-9014_K.pdf](#)

English

Qualification Test Report

 [ENG_SS_501-170_B.pdf](#)

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Eurocard Connector

 [S_501-170_B.tif](#)

English

Product Environmental Compliance

MD_5650473-5_07072017210_dmttec

 [ENG_PC_MD_5650473-5_E\(431038\).xlsx](#)

English

MD_5650473-5_07072017210_dmttec

 [ENG_PC_MD_5650473-5_E\(764041\).xml](#)

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

Connector & Housing Type : **Plug**

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

Sealable : **No**

Connector & Contact Terminates To : **Printed Circuit Board**

DIN Size : **Standard**

DIN Level : **II**

Configuration Features

Number of Positions : **96**

Number of Rows : **3**

PCB Mount Orientation : **Right Angle**

Number of Columns : **32**

Rows Loaded : **A, B, C**

Number of Signal Positions : **96**

Electrical Characteristics

Operating Voltage (VAC): **250**

Contact Features

Contact Base Material : **Copper Alloy**

PCB Contact Termination Area Plating Material : **Tin**

Contact Mating Area Plating Material : **Gold**

Contact Mating Area Plating Material Thickness :
.76 μ m [30 μ in]

Contact Type : **Pin**

PCB Contact Termination Area Plating Material Thickness :
2.54 – 5.08 μ m [100 – 200 μ in]

Contact Current Rating (Max) (A): **1.5**

Contact Cross Section : **.64 x .64 mm [.025 x .025 in]**

Termination Features	Termination Method to Printed Circuit Board : Through Hole - Solder Termination Post & Tail Length : 2.64 mm [.104 in]
Mechanical Attachment	PCB Mount Retention : Without Panel Mount Feature : Without PCB Mount Alignment : Without Mating Alignment : With Mating Retention : Without Mating Alignment Type : Polarization Connector Mounting Type : Board Mount
Housing Features	Housing Color : Gray Housing Material : Polymer - GF Centerline (Pitch) : 2.54 mm [.1 in]
Dimensions	PCB Thickness (Recommended) : 1.57 mm [.062 in] Connector Height : 11.1 mm [.437 in] Row-to-Row Spacing : 2.54 mm [.1 in]
Usage Conditions	Operating Temperature Range : -55 – 105 °C [-67 – 221 °F]
Operation/Application	Circuit Application : Signal
Industry Standards	UL Flammability Rating : UL 94V-0
Packaging Features	Packaging Method : Box
Statement of Compliance	Statement of Compliance pdf