



# EUROCARD CONNECTORS



Active

PRODUCT DRAWING  
English

3D PDF

## TE CONNECTIVITY (TE) ASSY,PIN,EUROCARD,TYPE C,LEAD- EUROCARD | Eurocard

5650906-5  
TE Internal Number: 5650906-5

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Applies To **Printed Circuit Board**

Connector System **Board-to-Board**

Number of Columns **16**

Centerline **2.54 mm [ .1 in ]**

### Product Drawings

[ASSEMBLY, PIN EUROCARD, TYPE C, .104 SOLDER POST](#)

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[ASSEMBLY, PIN, EUROCARD, TYPE C, 120 POSITION, 2.64\[.104\] SOLDER POST](#)

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English

### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

### Product Specifications

Application Specification

[Eurocard Connectors Types B,C,M,Q,R, & Enhanced Type C \(Board-To-Board Application\)](#)

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Qualification Test Report

[Eurocard Connector](#)

PDF  
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[Eurocard Connector](#)

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	Connector Style	<b>Plug</b>
	Applies To	<b>Printed Circuit Board</b>
	Connector System	<b>Board-to-Board</b>
	Row-to-Row Spacing	<b>2.54 mm [ .1 in ]</b>
	PCB Mounting Orientation	<b>Right Angle</b>
	Guides	<b>Without</b>
	Product Type	<b>Connector</b>
	Post Type	<b>Solder Post</b>
	Connector Type	<b>Connector Assembly</b>
Configuration Features	Number of Columns	<b>16</b>
	Number of Positions	<b>120</b>
	Number of Rows	<b>3</b>
	Rows Loaded	<b>A, B, C</b>
Electrical Characteristics	Operating Voltage (VAC)	<b>250</b>
Body Features	Color	<b>Gray</b>
Contact Features	Contact Termination Area Plating Thickness	<b>2.54 – 5.08 <math>\mu</math>m [ 100 – 200 <math>\mu</math>in ]</b>
	Contact Current Rating (A)	<b>1.5</b>
	Contact Base Material	<b>Copper Alloy</b>
	Contact Termination Area Plating Material	<b>Tin</b>
	Contact Cross Section	<b>.64 x .64 mm [ .025 x .025 in ]</b>
	Contact Mating Area Plating Thickness	<b>.76 <math>\mu</math>m [ 30 <math>\mu</math>in ]</b>
	Contact Type	<b>Pin</b>
	Contact Mating Area Plating Material	<b>Gold</b>
Termination Features	Termination Post Length	<b>2.65 mm [ .104 in ]</b>
	Interface Type	<b>Eurocard/DIN 41612</b>
	Termination Method to PC Board	<b>Through Hole - Solder</b>
Mechanical Attachment	PCB Mount Alignment	<b>Without</b>
	Panel Mount Retention	<b>Without</b>
	Mating Alignment Type	<b>Polarization</b>
	Mating Retention	<b>Without</b>

Mating Alignment

**With**

PCB Mount Retention

**Without**

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Housing Features

Centerline

**2.54 mm [ .1 in ]**

Housing Material

**Polymer - GF**

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Dimensions

Height

**11.1 mm [ .437 in ]**

PCB Thickness (Recommended)

**1.57 mm [ .062 in ]**

Tail Length

**2.64 mm [ .104 in ]**

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Usage Conditions

Operating Temperature Range

**-55 – 105 °C [ -67 – 221 °F ]**

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Industry Standards

UL Flammability Rating

**UL 94V-0**

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Packaging Features

Packaging Method

**Box**

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Product Compliance

[Statement of Compliance](#)  
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[VIEW ALL PRODUCT COMPLIANCE](#)