



CONNECTORS

## EUROCARD CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### ASSY, RECEPT, EUROCARD, TYPE R, LE

EUROCARD | Eurocard Type R

5650895-4

TE Internal Number: 5650895-4

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Applies To **Printed Circuit Board**

Connector System **Board-to-Board**

Number of Columns **16**

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



#### Product Drawings

**ASSEMBLY, RECEPTACLE, EUROCARD, TYPE R 96 POSITION, 2.79[.110] SOLDER POSTS WITH BOARD LOCKS**

PDF (TIFF AVAILABLE)  
English

**ASSEMBLY, RECEPTACLE, EUROCARD, TYPE R 96 POSITION, 2.79[.110] SOLDER POSTS WITH BOARD LOCKS**

PDF (TIFF AVAILABLE)  
English

#### CAD Files

**3D PDF**

PDF  
English

**Customer View Model**

2D\_DXF.ZIP  
English

**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 \(Board-To-Board Application\)](#)

PDF  
English

Qualification Test Report

[Eurocard Connector](#)

PDF  
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[Eurocard Connector](#)

TIF  
English

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## Product Environmental Compliance

TE Material Declaration

[MD\\_5650895-4\\_0416201458\\_dmtec](#)

PDF  
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Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

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Product Type Features	Connector Style	<b>Receptacle</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>96</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 µm [ 100 µin ]</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>.25 x .25 mm [ .01 x .01 in ]</b>

Contact Mating Area Plating Thickness	<b>.76 <math>\mu\text{m}</math> [ 30 <math>\mu\text{in}</math> ]</b>
Contact Type	<b>Socket</b>
Contact Mating Area Plating Material	<b>Gold</b>

Termination Features	Termination Post Length	<b>2.79 mm [ .11 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 Retention	<b>Without</b>
	Mating Alignment	<b>Without</b>
	PCB Mount Retention	<b>With</b>
	PCB Mount Retention Type	<b>Boardlocks</b>

Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Material	<b>Polymer - GF</b>

Dimensions	Height	<b>10.49 mm [ .413 in ]</b>
	PCB Thickness (Recommended)	<b>1.57 mm [ .062 in ]</b>
	Tail Length	<b>2.79 mm [ .11 in ]</b>

Usage Conditions	Operating Temperature Range	<b>-55 – 105 °C [ -67 – 221 °F ]</b>
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Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
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Packaging Features	Packaging Method	<b>Box</b>
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Product Compliance [Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)



