



## EUROCARD CONNECTORS



✓ Active

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English

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TE CONNECTIVITY (TE)

### ASSEMBLY, RECEPTACLE, EUROCARD, T

EUROCARD | Eurocard , Eurocard Type B

5650858-5

TE Internal Number: 5650858-5

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 B, LEAD-FREE, 32 POSITION, 4.57\[.180\] SOLDER POSTS](#)

PDF (TIFF AVAILABLE)  
English

[ASSEMBLY, RECEPTACLE, EUROCARD, TYPE B, LEAD-FREE, 32 POSITION, 4.57\[.180\] SOLDER POSTS](#)

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

PDF  
English

Qualification Test Report

[Eurocard Connector](#)

PDF  
English

[Eurocard Connector](#)

TIF  
English

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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>Vertical</b>
	Sealed	<b>No</b>
	Post Type	<b>Solder Post</b>
	Guides	<b>Without</b>
	Product Type	<b>Connector</b>
Connector Type	<b>Connector Assembly</b>	

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Configuration Features	Number of Columns	<b>16</b>
	Number of Positions	<b>32</b>
	Number of Rows	<b>2</b>
	Rows Loaded	<b>A, B</b>
	Tail Orientation	<b>Inline</b>

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Electrical Characteristics	Operating Voltage (VAC)	<b>250</b>
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Body Features	Color	<b>Gray</b>
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Contact Features	Contact Termination Area Plating Thickness	<b>2.54 – 5.08 <math>\mu\text{m}</math> [ 100 – 200 <math>\mu\text{in}</math> ]</b>
	Contact Cross Section	<b>.25 x .25 mm [ .01 x .01 in ]</b>
	Underplate Material Thickness	<b>1.27 <math>\mu\text{m}</math> [ 50 <math>\mu\text{in}</math> ]</b>
	Contact Type	<b>Socket</b>
	Contact Current Rating (A)	<b>1.5</b>
	Contact Base Material	<b>Copper Alloy</b>
	Contact Termination Area Plating Material	<b>Tin</b>
	Underplate Material	<b>Nickel</b>
	Contact Mating Area Plating Thickness	<b>.76 <math>\mu\text{m}</math> [ 30 <math>\mu\text{in}</math> ]</b>
	Contact Mating Area Plating Material	<b>Gold</b>


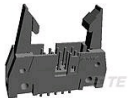


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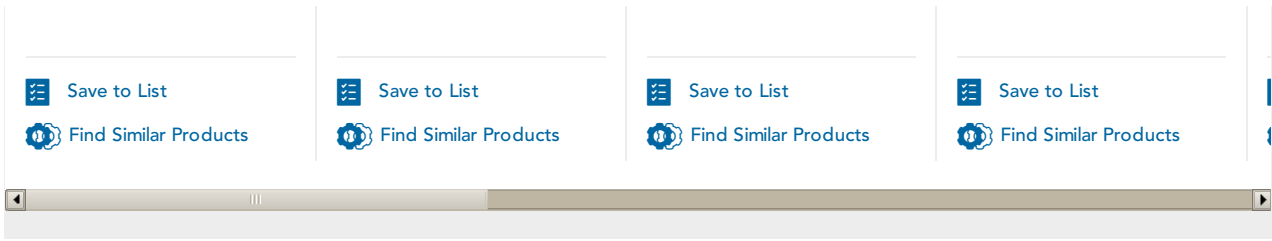
Termination Features	Interface Type	<b>Eurocard/DIN 41612</b>
	Termination Method to PC Board	<b>Through Hole - Solder</b>

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Mechanical Attachment	Mating Alignment Type	<b>Polarization</b>
	Mating Alignment	<b>With</b>
	PCB Mount Alignment	<b>Without</b>
	Panel Mount Retention	<b>Without</b>
	Mating Retention	<b>Without</b>
	PCB Mount Retention	<b>Without</b>
Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Material	<b>Polymer - GF</b>
Dimensions	Height	<b>11.5 mm [ .453 in ]</b>
	Tail Length	<b>4.57 mm [ .18 in ]</b>
	Length	<b>53.34 mm [ 2.1 in ]</b>
	PCB Thickness (Recommended)	<b>1.57 mm [ .062 in ]</b>
	Width	<b>8.05 mm [ .317 in ]</b>
Usage Conditions	Operating Temperature Range	<b>-55 – 105 °C [ -67 – 221 °F ]</b>
Industry Standards	CSA Certified	<b>Yes</b>
	UL Flammability Rating	<b>UL 94V-0</b>
	CSA File Number	<b>LR 7189</b>
	UL Rating	<b>Recognized</b>
	UL File Number	<b>E28476</b>
Packaging Features	Packaging Method	<b>Box, Tray/Box</b>
Product Compliance	<p><a href="#">Statement of Compliance</a> PDF</p> <p><a href="#">VIEW ALL PRODUCT COMPLIANCE</a></p>	

## CUSTOMERS ALSO BOUGHT

EUROCARD CONNECTORS	RIBBON CABLE CONNECTORS	SFP/SFP+/ZSFP+	CALIBRATION LABELS
 <p>ASSY, PIN, EUROCARD, TYPE B/2, LEA 5536053-5</p>	 <p>020 UNIV HDR SP 4S 15DP STD L1 499922-4</p>	 <p>CAGE ASSY, PRESS FIT, SFP 2227302-1</p>	 <p>QC200AC QC200AC</p>



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RELATIONSHIP

### Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS



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Connectors - Eurocard Connectors

#### ASSY, PIN, EUROCARD, TYPE B/2, LEA

EUROCARD | Eurocard, Eurocard  
Type B

5536053-5

TE INTERNAL NUMBER: 5536053-5

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Applies To **Printed Circuit Board**

Connector System **Board-to-Board**

Number of Columns **16**

Board-to-Board Configuration **Co-Planar, Right Angle**



[Product Drawing](#)

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PRODUCT - MATING PRODUCTS

Connectors - Eurocard Connectors

#### 032 EURO TYPE B PIN ASSY

EUROCARD | Eurocard, Eurocard  
Type B

536053-5

TE INTERNAL NUMBER: 536053-5

✓ Active

Always ELV Compliant

Connector Style **Plug**

Applies To **Printed Circuit Board**

Connector System **Board-to-Board**

Mounting Angle **Right Angle**

Number of Columns **16**

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Eurocard Connectors

#### 032 EURO TYPE B PIN BDLK ASSY

EUROCARD | Eurocard, Eurocard  
Type B

Always ELV Compliant



536386-5

536386-5

TE INTERNAL NUMBER: 536386-5

✓ Active

Connector Style **Plug**

Applies To **Printed Circuit Board**

Connector System **Board-to-Board**

Mounting Angle **Right Angle**

Number of Columns **16**

 [Product Drawing](#)

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