



## EUROCARD CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**  
English

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TE CONNECTIVITY (TE)

### 064 EURO TYPE B PIN BDLK ASSY

EUROCARD | Eurocard , Eurocard Type B

536385-5

TE Internal Number: 536385-5

5 of 6 EU RoHS/ELV Compliant

[Find Compliant Alternatives](#)

Connector Style **Plug**

Applies To **Printed Circuit Board**

Connector System **Board-to-Board**

Mounting Angle **Right Angle**

Number of Columns **32**

#### Product Drawings

[PIN ASSEMBLY, EUROCARD, TYPE B WITH BOARD-LOCKS](#)

PDF (**TIFF AVAILABLE**)  
English

[PIN ASSEMBLY, EUROCARD, TYPE B WITH BOARD-LOCKS](#)

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#### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

3D\_IGS.ZIP  
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[Customer View Model](#)

3D\_STP.ZIP  
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#### 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  
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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.

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>
	Size	<b>Standard</b>
	DIN Level	<b>II</b>
	PCB Mounting Orientation	<b>Right Angle</b>
	Sealed	<b>No</b>
	Make First / Break Last	<b>No</b>
	Post Type	<b>Solder Post</b>
	Guides	<b>Without</b>
	Product Type	<b>Connector</b>
	Shielded	<b>No</b>
	Connector Type	<b>Connector Assembly</b>
Configuration Features	Number of Columns	<b>32</b>
	Number of Positions	<b>64</b>
	Number of Rows	<b>2</b>
	Rows Loaded	<b>B</b>
	Tail Orientation	<b>Inline</b>
Body Features	Header Type	<b>Shrouded</b>
	Color	<b>Gray</b>
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 (mm)	<b>.51 x 1.35</b>
	Underplate Material Thickness	<b>1.27 <math>\mu\text{m}</math> [ 50 <math>\mu\text{in}</math> ]</b>
	Contact Type	<b>Pin</b>
	Contact Base Material	<b>Brass</b>
	Contact Termination Area Plating Material	<b>Gold</b>
	Underplate Material	<b>Nickel</b>
	Contact Mating Area Plating Thickness	<b>.76 <math>\mu\text{m}</math> [ 29.92 <math>\mu\text{in}</math> ]</b>
	Contact Mating Area Plating Material	<b>Tin-Lead</b>
Termination Features	Termination Method to PC Board	<b>Through Hole - Solder</b>

Mechanical Attachment	Mounting Angle	<b>Right Angle</b>
	Mating Alignment Type	<b>Polarization</b>
	Mating Alignment	<b>With</b>
	PCB Mount Retention Type	<b>Boardlocks</b>
	PCB Mount Alignment	<b>Without</b>
	Panel Mount Retention	<b>Without</b>
	Mating Retention	<b>Without</b>
	PCB Mount Retention	<b>With</b>

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

Dimensions	Height	<b>12.62 mm [ .497 in ]</b>
	Tail Length	<b>2.64 mm [ .104 in ]</b>
	Length	<b>93.98 mm [ 3.7 in ]</b>
	PCB Thickness (Recommended)	<b>1.57 mm [ .062 in ]</b>
	Mating Post Length	<b>4.93 mm [ .194 in ]</b>
	Width	<b>8.56 mm [ .337 in ]</b>

Usage Conditions	Operating Temperature Range	<b>-55 – 125 °C [ -67 – 257 °F ]</b>
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Industry Standards	CSA Certified	<b>Yes</b>
	CSA File Number	<b>LR 7189</b>
	UL Rating	<b>Recognized</b>
	UL File Number	<b>E28476</b>

Packaging Features	Packaging Method	<b>Package, Tray/Box</b>
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Product Compliance [Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

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RELATIONSHIP

**Mating Products**

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	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Eurocard Connectors EUROCARD I Eurocard, Eurocard Type B</p> <p><b>ASSEMBLY, RECEPTACLE, EUROCARD, T - 5650861-5</b></p> <p>TE INTERNAL NUMBER: 5650861-5</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Connector Style <b>Receptacle</b></p> <p>Applies To <b>Printed Circuit Board</b></p> <p>Connector System <b>Board-to-Board</b></p> <p>Number of Columns <b>32</b></p> <p>Centerline <b>2.54 mm</b></p>	<input checked="" type="checkbox"/>
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	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Eurocard Connectors EUROCARD I Eurocard, Eurocard Type B</p> <p><b>ASSY, RECEPTACLE, EUROCARD, TYPE B, LEAD-FRE - 5650865-5</b></p> <p>TE INTERNAL NUMBER: 5650865-5</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Connector Style <b>Receptacle</b></p> <p>Applies To <b>Printed Circuit Board</b></p> <p>Connector System <b>Board-to-Board</b></p> <p>Number of Columns <b>32</b></p> <p>Centerline <b>2.54 mm</b></p>	<input checked="" type="checkbox"/>
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	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Eurocard Connectors EUROCARD I Eurocard, Eurocard Type B</p>	<p>Always EU RoHS/ELV Compliant</p>	<input checked="" type="checkbox"/>
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TE Connectivity Eurocard, Eurocard Type B

# ASSEMBLY, RECEPTACLE, EUROCARD, T - 5650860-5

TE INTERNAL NUMBER: 5650860-5

✓ Active

Connector Style **Receptacle**

Applies To **Printed Circuit Board**

Connector System **Board-to-Board**

Number of Columns **32**

Centerline **2.54 mm**

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