



EUROCARD CONNECTORS



TE CONNECTIVITY (TE) 096 EURO TYPE R PIN ST ASSY EUROCARD | Eurocard Type R

650470-5
TE Internal Number: 650470-5
Alias ID: 1092492, 406674499

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 **Vertical**
Number of Columns **32**

Active

[PRODUCT DRAWING](#)
English

[3D PDF](#)

Product Drawings

[PIN ASSEMBLY, EUROCARD, TYPE R](#)
PDF
English

CAD Files

[3D PDF](#)
PDF
English

[Customer View Model](#)
3D_IGS.ZIP
English

[Customer View Model](#)
3D_STP.ZIP
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[Customer View Model](#)
2D_DXF.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
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[Connector EUROLATCH Cable Receptacle](#)
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[Connector EUROLATCH Cable Receptacle](#)
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Product Environmental Compliance

TE Material Declaration [MD 650470-5 0617201452 dntec](#)

Instruction Sheets

Instruction Sheet (U.S.)

[Soldering And Cleaning Eurocard Connectors](#)
 PDF
 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	Plug
	Applies To	Printed Circuit Board
	Connector System	Board-to-Board
	Row-to-Row Spacing	2.54 mm [.1 in]
	Size	Standard
	DIN Level	II
	PCB Mounting Orientation	Vertical
	Guides	Without
	Product Type	Connector
	Make First / Break Last	No
	Shielded	No
	Post Type	Solder Post
	Connector Type	Connector Assembly

Configuration Features	Number of Columns	32
	Number of Power or Coaxial Positions	96
	Number of Signal Positions	96
	Number of Positions	96
	Number of Rows	3
	Rows Loaded	A, B, C

Electrical Characteristics	Operating Voltage (VAC)	250
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Body Features	Color	Gray
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Contact Features	Contact Termination Area Plating Thickness	2.54 – 5.08 µm [100 – 200 µin]
	Contact Current Rating (A)	1.5
	Contact Base Material	Brass

Contact Termination Area Plating Material	Tin-Lead
Contact Cross Section	.64 x .64 mm [.025 x .025 in]
Contact Mating Area Plating Thickness	.76 µm [30 µin]
Contact Type	Pin
Contact Mating Area Plating Material	Gold

Termination Features	Termination Post Length	4.57 mm [.18 in]
	Interface Type	Eurocard/DIN 41612
	Termination Method to PC Board	Through Hole - Solder

Mechanical Attachment	Mounting Angle	Vertical
	Mating Alignment Type	Polarization
	Mating Retention	With
	Mating Alignment	With
	PCB Mount Retention	Without

Housing Features	Centerline	2.54 mm [.1 in]
	Housing Material	Polyester - GF

Dimensions	Tail Length	4.57 mm [.178 in]
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Usage Conditions	Operating Temperature Range	-55 – 125 °C [-67 – 257 °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 PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>EUROCARD CONNECTORS</p>  <p>096 EURO TYP C RECP 13MM ASSY</p>	<p>HARD METRIC BACKPLANE CONNECTORS</p>  <p>Z-PACK/A VF 110P</p>	<p>CHASSIS PANEL MOUNT RESISTORS</p>  <p>THS75 33R 5%</p>	<p>HARD METRIC BACKPLANE CONNECTORS</p>  <p>2MMHM PIN HDR MOD C</p>
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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS



Connectors - Eurocard Connectors
EUROCARD I Eurocard Type R

**ASSY, RECEPTACLE,
EUROCARD, TYPE
- 5148292-5**

TE INTERNAL NUMBER: 5148292-5

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Applies To **Printed Circuit Board**

Board-to-Board Configuration

Right Angle

Centerline **2.54 mm**

Row-to-Row Spacing **2.54 mm**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Eurocard Connectors
EUROCARD I Eurocard Type R

**ASSY, RECEPTACLE,
EUROCARD, TYPE
- 5650461-4**

TE INTERNAL NUMBER: 5650461-4

ALIAS ID: 2-42933-5194

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Applies To **Printed Circuit Board**

Connector System **Board-to-Board**

Number of Columns **15**

Centerline **2.54 mm**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Eurocard Connectors
EUROCARD I Eurocard Type R

**096 EURO TYPE R
RECEPT BL ASSY**

5 of 6 EU RoHS/ELV Compliant

Connector Style **Receptacle**

Applies To **Printed Circuit Board**





- **650895-5**

TE INTERNAL NUMBER: 650895-5

✓ Active

Applies to Printed Circuit Board

Connector System **Board-to-Board**

Mounting Angle **Vertical**

Number of Power or Coaxial Positions **96**

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