



EUROCARD CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

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TE CONNECTIVITY (TE)

ASSY, RECEPTACLE, EUROCARD, TYPE

EUROCARD | Eurocard Type R

5650868-4

TE Internal Number: 5650868-4

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 1/2R, LEAD-FREE, 48 POSITION 2.79\[.110\] SOLDER POSTS](#)

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CAD Files

[3D PDF](#)

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[Customer View Model](#)

2D_DXF.ZIP
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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](#)

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[Eurocard Connector](#)

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Product Environmental Compliance

TE Material Declaration

[MD_5650868-4_12102013757_dmtec](#)

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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	Receptacle
	Applies To	Printed Circuit Board
	Connector System	Board-to-Board
	Row-to-Row Spacing	2.54 mm [.1 in]
	PCB Mounting Orientation	Right Angle
	Guides	Without
	Product Type	Connector
	Post Type	Solder Post
Connector Type	Connector Assembly	

Configuration Features	Number of Columns	16
	Number of Positions	48
	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 μm [100 μin]
	Contact Current Rating (A)	1.5
	Contact Base Material	Copper Alloy
	Contact Termination Area Plating Material	Tin
	Contact Cross Section	.25 x .25 mm [.01 x .01 in]
	Contact Mating Area Plating Thickness	.76 μm [30 μin]
	Solder Tail Contact Plating Material	Tin
	Contact Type	Socket
	Contact Mating Area Plating Material	Gold

Termination Features	Termination Post Length	2.79 mm [.11 in]
	Interface Type	Eurocard/DIN 41612
	Termination Method to PC Board	Through Hole - Solder

Mechanical Attachment	PCB Mount Alignment	Without
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Panel Mount Retention	Without
Mating Retention	Without
Mating Alignment	Without
PCB Mount Retention	Without

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

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

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	Package
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Product Compliance [Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT


STANDARD POWER RELAYS



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Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Eurocard Connectors
EUROCARD I Eurocard Type R

048 EURO TYPE R PIN ST ASSY - 650479-5

TE INTERNAL NUMBER: 650479-5
ALIAS ID: 1148358

✓ Active

5 of 6 EU RoHS/ELV Compliant

Connector Style **Plug**

Applies To **Printed Circuit Board**

Connector System **Board-to-Board**

Mounting Angle **Vertical**

Number of Columns **16**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Eurocard Connectors
EUROCARD I Eurocard Type R

048 EURO TYPE R PIN AP ASSY - 650918-5

TE INTERNAL NUMBER: 650918-5

✓ Active

Not EU RoHS or ELV Compliant

Connector Style **Plug**

Applies To **Printed Circuit Board**

Connector System **Board-to-Board**

Mounting Angle **Vertical**

Number of Columns **16**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Eurocard Connectors
EUROCARD I Eurocard Type R

048 EURO TYPE R PIN AP ASSY - 650917-5

TE INTERNAL NUMBER: 650917-5

✓ Active

Not EU RoHS or ELV Compliant

Connector Style **Plug**

Applies To **Printed Circuit Board**

Connector System **Board-to-Board**

Mounting Angle **Vertical**

Number of Columns **16**

