



EUROCARD CONNECTORS



✓ Active

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English

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TE CONNECTIVITY (TE)

048 EURO TYPE R PIN AP ASSY

EUROCARD | Eurocard Type R

650918-5

TE Internal Number: 650918-5

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Connector Style **Plug**

Applies To **Printed Circuit Board**

Connector System **Board-to-Board**

Mounting Angle **Vertical**

Number of Columns **16**

Product Drawings

[ASSEMBLY, PIN, VERTICAL, EUROCARD, TYPE 1/2R 6.35\[.250\] PRESS-FIT POSTS](#)

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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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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	Half
	DIN Level	II
	PCB Mounting Orientation	Vertical
	Guides	Without
	Product Type	Connector
	Make First / Break Last	No
	Shielded	No
	Post Type	Compliant Post
Connector Type	Connector Assembly	
Configuration Features	Number of Columns	16
	Number of Power or Coaxial Positions	48
	Number of Signal Positions	48
	Number of Positions	48
	Number of Rows	3
	Rows Loaded	A, B, C
Electrical Characteristics	Operating Voltage (VAC)	250
Body Features	Color	Gray
Contact Features	Contact Termination Area Plating Thickness	2.54 – 5.08 μm [100 – 200 μin]
	Contact Current Rating (A)	1.5
	Contact Base Material	Phosphor Bronze
	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	6.35 mm [.25 in]
	Interface Type	Eurocard/DIN 41612

Termination Method to PC Board

Through Hole - Solder

Mechanical Attachment	Mounting Angle	Vertical
	PCB Mount Alignment	Without
	Mating Alignment Type	Polarization
	Mating Alignment	With
	PCB Mount Retention	With
	PCB Mount Retention Type	Action/Compliant Tail

Housing Features	Centerline	2.54 mm [.1 in]
	Housing Material	Valox

Dimensions	Height	11.51 mm [.453 in]
	PCB Thickness (Recommended)	2.36 mm [.093 in]
	Tail Length	13.23 mm [.516 in]

Usage Conditions	Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
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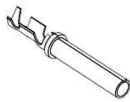
Industry Standards	UL Flammability Rating	UL 94V-0
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Packaging Features	Packaging Method	Box
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Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

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RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS



Connectors - Eurocard Connectors
EUROCARD I Eurocard Type R

**ASSY, RECEPT,
EUROCARD, TYPE R/2, L-
FREE, 48, - 5650893-5**

TE INTERNAL NUMBER: 5650893-5

✓ Active

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**



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
- 5650868-4**

TE INTERNAL NUMBER: 5650868-4

✓ Active

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**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Eurocard Connectors
EUROCARD I R

**ASSY, RECEPTACLE,
EUROCARD, TYPE R/2,
LEAD-F - 5650868-5**

TE INTERNAL NUMBER: 5650868-5

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Applies To **Printed Circuit Board**

Connector System **Board-to-Board**

Mounting Angle **Right Angle**

Number of Columns **16**



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