



EUROCARD CONNECTORS



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TE CONNECTIVITY (TE)

120 EURO TYPE C PIN ST ASSY

EUROCARD | Eurocard

650949-5

TE Internal Number: 650949-5

5 of 6 EU RoHS/ELV Compliant

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Connector Style **Plug**

Applies To **Printed Circuit Board**

Connector System **Board-to-Board**

Mounting Angle **Right Angle**

Number of Columns **40**

Product Drawings

[PIN ASSEMBLY, EUROCARD, TYPE C](#)

PDF (TIFF AVAILABLE)
English

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CAD Files

[Customer View Model](#)

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Product Specifications

Application Specification

[Eurocard Connectors Types B,C,M,Q,R, & Enhanced Type C \(Board-To-Board Application\)](#)

PDF
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Qualification Test Report

[Eurocard Connector](#)

PDF
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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	Standard
	DIN Level	II
	PCB Mounting Orientation	Right Angle
	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	40
	Number of Power or Coaxial Positions	120
	Number of Signal Positions	120
	Number of Positions	120
	Number of Rows	3
	Rows Loaded	A, B, C

Electrical Characteristics	Operating Voltage (VAC)	250
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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 Transmits (Typical)	Signal (Data)
	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	3.3 mm [.13 in]
	Interface Type	Eurocard/DIN 41612
	Termination Method to PC Board	Through Hole - Solder





Mechanical Attachment	Mounting Angle	Right Angle
	PCB Mount Alignment	Without
	Mating Alignment Type	Polarization
	Mating Alignment	With
	PCB Mount Retention	Without
Housing Features	Centerline	2.54 mm [.1 in]
	Housing Material	Polyester - GF
Dimensions	Height	12.62 mm [.497 in]
	Tail Length	3.3 mm [.129 in]
Usage Conditions	Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Box

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

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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

**ASSY, RECEPTACLE,
EUROCARD, TYPE C,
LEAD-FRE - 5535079-5**
TE INTERNAL NUMBER: 5535079-5

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Applies To **Printed Circuit Board**

Connector System **Board-to-Board**

Board-to-Board Configuration
Vertical

Centerline **2.54 mm**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS

Connectors - Eurocard Connectors
EUROCARD I Eurocard

**ASSY, RECEPT, EURO,
TYPE C, L-FREE
- 5536489-5**
TE INTERNAL NUMBER: 5536489-5

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Applies To **Printed Circuit Board**

Connector System **Board-to-Board**

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

**ASSEMBLY,
RECEPTACLE,
EUROCARD, T
- 5535098-5**
TE INTERNAL NUMBER: 5535098-5

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Applies To **Printed Circuit Board**

Connector System **Board-to-Board**

Board-to-Board Configuration
Vertical

Centerline **2.54 mm**



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