

## EUROCARD

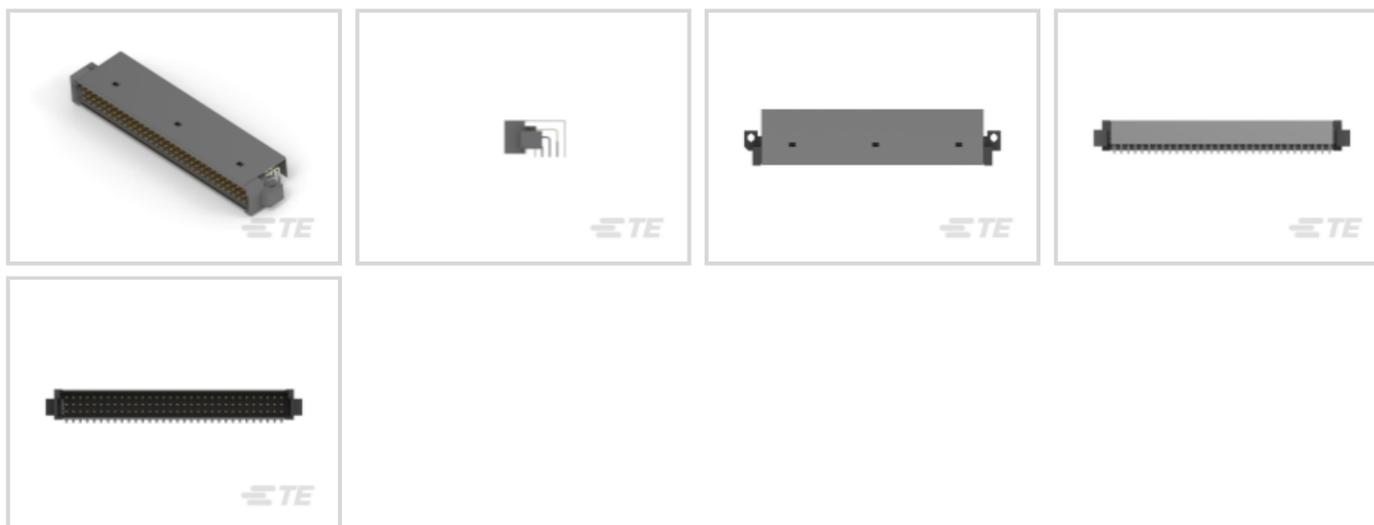
TE Internal #: 650987-5

Eurocard Connectors, Plug, Board-to-Board, 96 Position, .1 in [2.54 mm] Centerline, Printed Circuit Board, 3 Row, Right Angle, 32

Column

[View on TE.com >](#)

Connectors &gt; PCB Connectors &gt; Backplane Connectors &gt; Eurocard Connectors

Connector & Housing Type: **Plug**Connector System: **Board-to-Board**Termination Post & Tail Length: **2.64 mm [ .104 in ]**Number of Positions: **96**Centerline (Pitch): **2.54 mm [ .1 in ]**

## Features

### Product Type Features

Connector & Housing Type	Plug
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
DIN Size	Standard
DIN Level	II

### Configuration Features

Number of Positions	96
Number of Rows	3
PCB Mount Orientation	Right Angle
Number of Columns	32
Number of Power or Coaxial Positions	2
Number of Signal Positions	96
Rows Loaded	A, B, C



### Contact Features

Contact Cross Section	.64 x .64 mm [.025 x .025 in]
Contact Type	Pin
Contact Base Material	Brass
Contact Current Rating (Max)	1.5 A

### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	2.64 mm [.104 in]

### Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	Without
PCB Mount Retention Type	Mounting Hole
Connector Mounting Type	Board Mount

### Housing Features

Housing Material	High Temperature Glass Filled Polyester
Centerline (Pitch)	2.54 mm [.1 in]

### Dimensions

Connector Height	12.7 mm
Row-to-Row Spacing	2.54 mm [.1 in]

### Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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### Operation/Application

Shielded	Yes
Circuit Application	Power & Signal

### Packaging Features

Packaging Method	Box
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

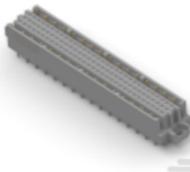


EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (13% in Component Part) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 245°C

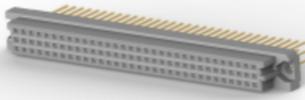
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

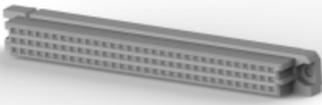
## Compatible Parts



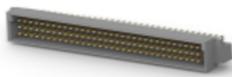
TE Part # 650992-5  
0% ENHNCD EURO RECEPT AP ASSY



TE Part # 1-148057-5  
0% EURO TYP C RECP 13MM ASSY



TE Part # 5535089-5  
ASSEMBLY,RECEPTACLE,EUROCARD, T



TE Part # 650473-5  
0% EURO TYPE C PIN ST ASSY



## Documents

### Product Drawings

[096 ENHNCD EURO PIN ASSY](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_650987-5\\_R.2d\\_dxf.zip](#)

English

[3D PDF](#)

[3D](#)



### Customer View Model

[ENG\\_CVM\\_CVM\\_650987-5\\_R.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_650987-5\\_R.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[TE Material Declaration](#)

English