

### **EUROCARD**

TE Internal #: 5650404-5

Eurocard Connectors, Receptacle, Board-to-Board, 150 Position, .1 in [2.54 mm] Centerline, Printed Circuit Board, 3 Row, Vertical, 50

Column

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: Receptacle

Connector System: Board-to-Board

Termination Post & Tail Length: 2.49 mm [.098 in]

Number of Positions: 150

Centerline (Pitch): 2.54 mm [.1 in]

## **Features**

## **Product Type Features**

Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
DIN Size	Half
DIN Level	II
Configuration Features	

Number of Positions	150
Number of Rows	3
PCB Mount Orientation	Vertical
Number of Columns	50
Number of Signal Positions	150
Rows Loaded	A, B, C

### **Electrical Characteristics**

Operating Voltage	250 VAC
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## **Body Features**

Body reatures	
Primary Product Color	Gray
Contact Features	
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm[100 – 200 μin]
Contact Type	Socket
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1.5 A
Termination Features	
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	2.49 mm[.098 in]
Mechanical Attachment	
Mating Alignment Type	Polarization
Mating Retention	Without
Mating Alignment	With
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	Polymer - GF
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
Connector Height	11.5 mm[.453 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Row-to-Row Spacing	2.54 mm[.1 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Signal



Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Method	Box

## **Product Compliance**

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°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**













# Customers Also Bought



TE Part #5554217-4
RCPT ASSY,50 POS,VERT MTG,SHLD



TE Part #640250-9 09P SL156 HSG W/LCK RAMP NATL

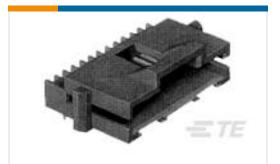


TE Part #5650907-5 ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,150 P





TE Part #5-103908-3
04 MTE HDR SRST LATCH W/HLDWN



TE Part #5-104074-3 15 SYSTEM 50 HDR SRRA SHRD SN



TE Part #1658620-1 10 NOVO MIL 15DP, LEAD FREE



TE Part #794616-4
FREE HANG DBL ROW HSG 4 POS



TE Part #292304-1 STD USB TYPE B, R/A, T/H



## **Documents**

## **Product Drawings**

ASSEMBLY, RECEPTACLE, EUROCARD, TYPE C, LEAD

English

## **CAD Files**

Customer View Model ENG\_CVM\_CVM\_5650404-5\_O.2d\_dxf.zip

English

3D PDF



3D

**Customer View Model** 

ENG\_CVM\_CVM\_5650404-5\_O.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_5650404-5\_O.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

**Product Specifications** 

**Application Specification** 

English