# 5650908-5 ✔ ACTIVE

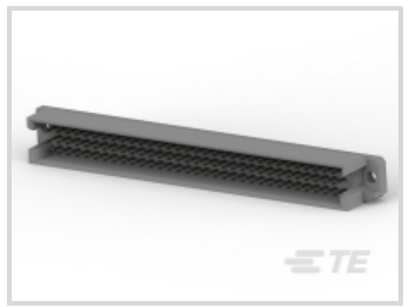
EUROCARD | Eurocard Type R

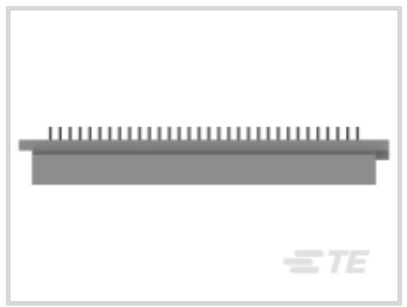
TE Internal #: 5650908-5

Plug, Board-to-Board, 96 Position, 2.54 mm [.1 in] Centerline, Printed Circuit Board, 3 Row, Vertical, 32 Column, Eurocard Type R, Eurocard Connectors

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors







Connector & Housing Type: **Plug**

Connector System: **Board-to-Board**

Termination Post & Tail Length: **3.3 mm [ .13 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 |
| 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 | Vertical |
| Number of Columns | 32 |
| Rows Loaded | A, B, C |
| Number of Signal Positions | 96 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 250 VAC |

## Body Features

| | |
|---|---|
| Primary Product Color | Gray |

## Contact Features

| | |
|---|---|
| PCB Contact Termination Area Plating Material Thickness | 2.54 – 5.08 µm[100 – 200 µin] |
| Contact Mating Area Plating Material | Gold (Au) |
| Contact Base Material | Copper Alloy |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Type | Pin |
| Contact Mating Area Plating Material Thickness | .76 µm[30 µin] |
| Contact Current Rating (Max) | 1.5 A |

## Termination Features

| | |
|---|---|
| Termination Method to PCB | Through Hole - Solder |
| Termination Post & Tail Length | 3.3 mm[.13 in] |

## Mechanical Attachment

| | |
|---|---|
| Connector Mounting Type | Board Mount |
| Panel Mount Feature | Without |
| Mating Retention | Without |
| Mating Alignment | Without |
| PCB Mount Alignment | Without |
| PCB Mount Retention | Without |

## Housing Features

| | |
|---|---|
| Housing Material | Polymer - GF |
| Centerline (Pitch) | 2.54 mm[.1 in] |

## Dimensions

| | |
|---|---|
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |
| Connector Height | 11.4 mm[.45 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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 |

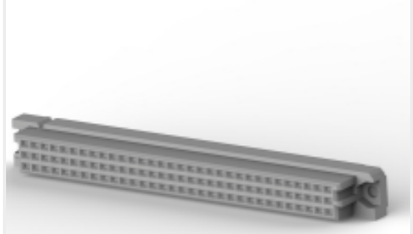
Product Compliance Disclaimer

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

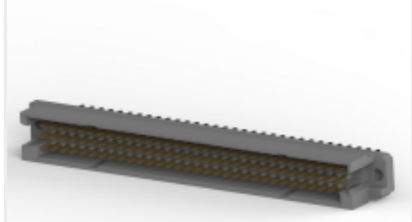
## Compatible Parts



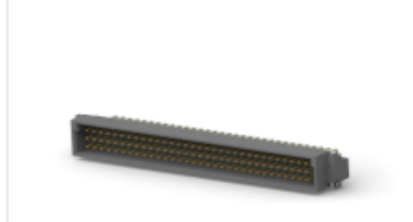
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096 EURO TYPE C PIN MFBL ASSY



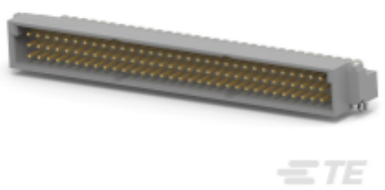
TE Part # 5535043-5
ASSY,RECEPTACLE,EUROCARD,TYPE



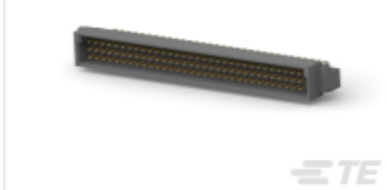
TE Part # 650889-5
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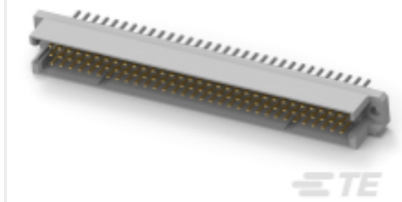
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096 EURO TYPE C PIN BL ASSY



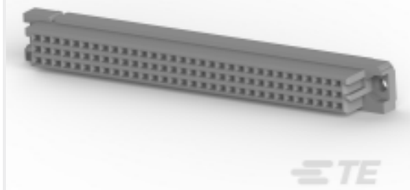
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ASSY,PIN,EUROCARD,TYPE C,LEAD-



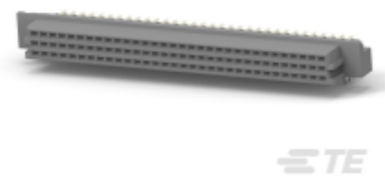
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096 EURO TYPE C PIN ST ASSY



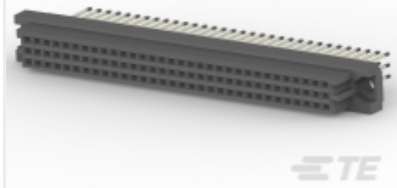
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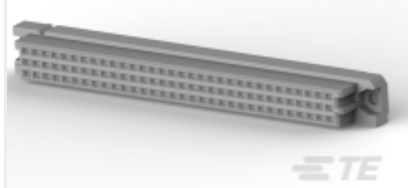
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096 EURO TYPE C RECEPT ST ASSY



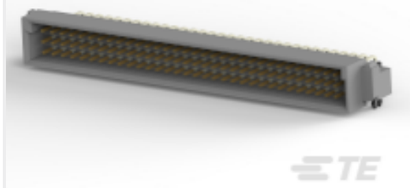
TE Part # 5650462-4
ASSY,RECEPTACLE,EUROCARD,TYPE



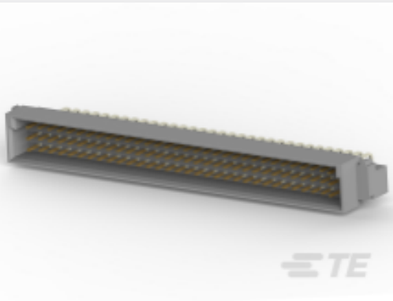
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ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE



TE Part # 5535043-4
ASSY,RECEPTACLE,EUROCARD,TYPE



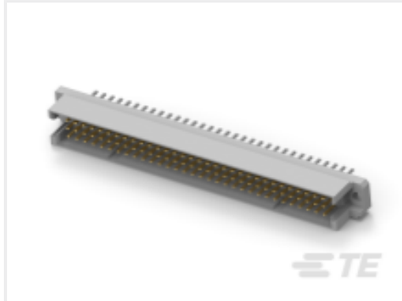
TE Part # 5536416-5
ASSY,PIN,EURO,"C",LEAD-FREE,96



TE Part # 5536437-4
ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,96 PO



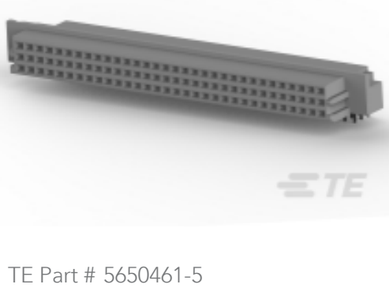
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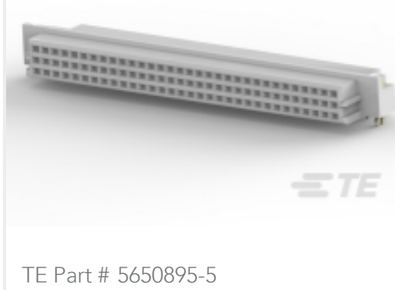
TE Part # 650470-5
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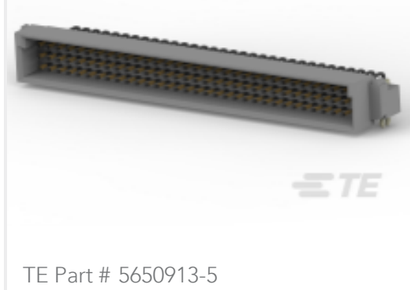
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096 EURO TYPE R PIN ST ASSY



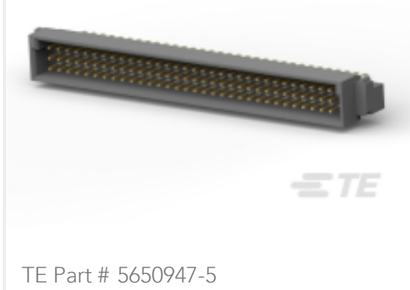
TE Part # 5650461-5
ASSY,RECEPTACLE,EUROCARD,TYPE



TE Part # 5650895-5
ASSY,RECEPT,EUROCARD,TYPE R, LEAD-FREE,96

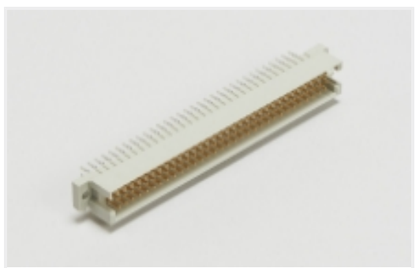


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ASSY,PIN,EUROCARD,TYPE C,LEAD-

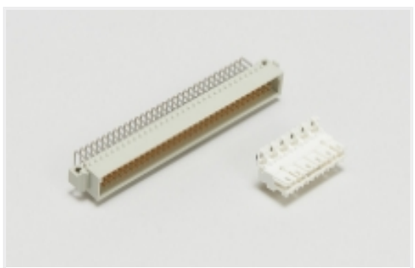


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ASSY,PIN,EUROCARD,TYPE C,LEAD-

## Also in the Series | Eurocard Type R



Eurocard Connectors(78)

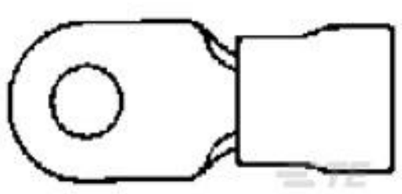


Standard Edge Connectors(1)

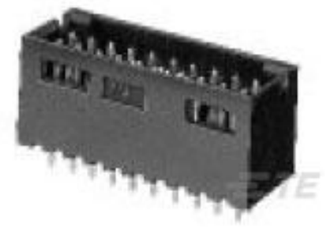
## Customers Also Bought



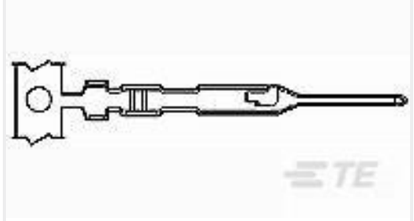
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FN286-6-06



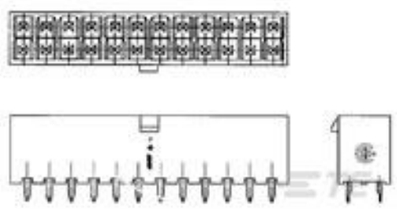
TE Part #53949-1
TERMINAL,R PVF2 PG 4 10



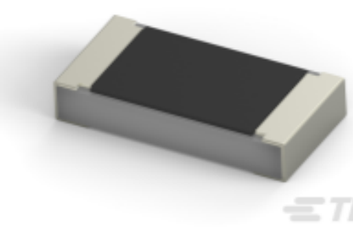
TE Part #6-103168-5
34 MODII HDR DRST SHRD .100CL



TE Part #1-104505-1
MTE PIN LP



TE Part #1-1586768-0
10P VERT HDR VAL-U-LOK GW



TE Part #5-1614958-5
CPF 0805 3R57 0.1% 25ppm 1K RL



TE Part #1623720-2
CCR2 10K 10%



TE Part #1624363-1
NTC0805 5% 47K



TE Part #5745185-1
15 RCPT SP/MS STD



TE Part #2-1579008-3
EXTRACTION TOOL

## Documents

### Product Drawings

ASSY,PIN,EUROCARD,TYPE R,LEAD-

English

### CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5650908-5_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_5650908-5_O.3d_igs.zip

English

Customer View Model

ENG_CVM_5650908-5_O.3d_stp.zip

English

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### Product Specifications

## Application Specification

English

## Agency Approvals

### UL

English