

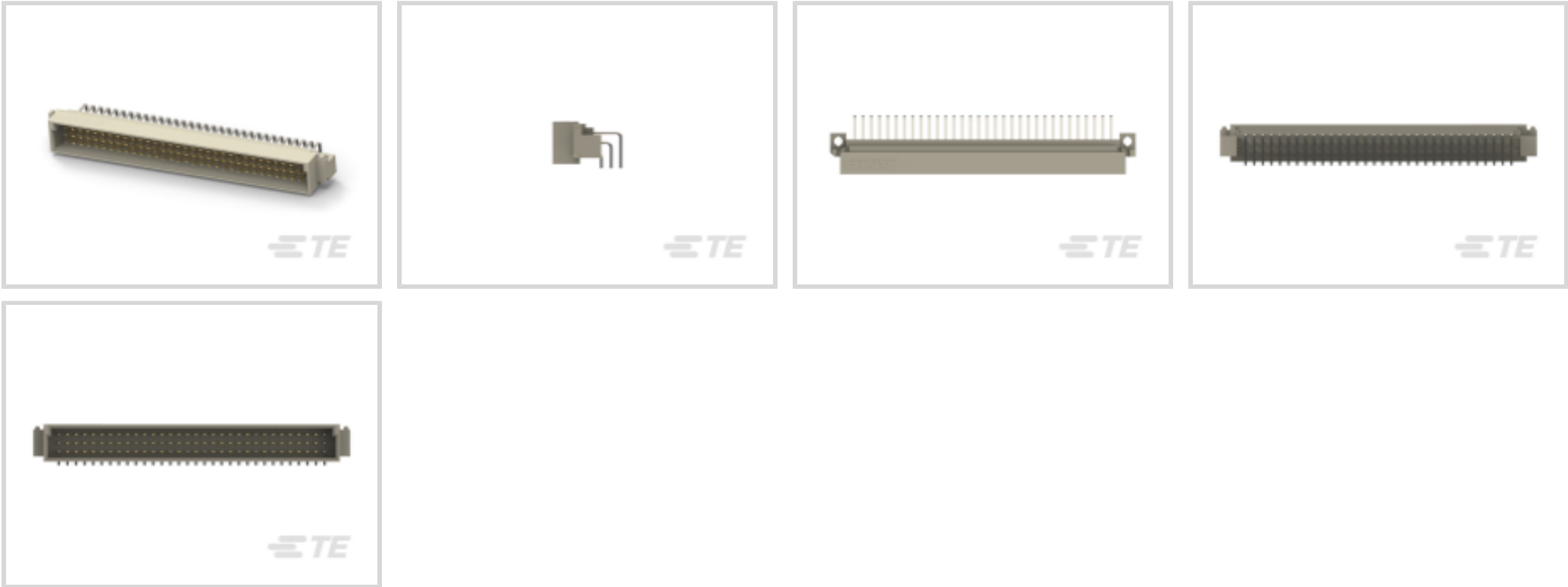
EUROCARD

TE Internal #: 536437-6
Plug, Board-to-Board, 96 Position, 2.54 mm [.1 in] Centerline,
Printed Circuit Board, 3 Row, Right Angle, 32 Column, Eurocard
Connectors

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Connectors > PCB Connectors > Backplane Connectors > 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

| | |
|---|--|
| Make First / Break Last Contacts Loaded | Row A - 9, 11, 15, 17, 19, Row B - 20, 23, Row C - 9 |
| Connector & Housing Type | Plug |
| Connector System | Board-to-Board |
| Connector & Contact Terminates To | Printed Circuit Board |
| DIN Size | Standard |
| DIN Level | II |

Configuration Features

| | |
|---------------------------------|-------------------------|
| Mating & Unmating Configuration | Make First / Break Last |
| Number of Positions | 96 |
| Number of Rows | 3 |
| PCB Mount Orientation | Right Angle |
| Number of Columns | 32 |
| Number of Signal Positions | 96 |



| | |
|-------------|---------|
| Rows Loaded | A, B, C |
|-------------|---------|

Body Features

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

Contact Features

| | |
|---|--|
| Contact Mating Area Plating Material Thickness | .76 µm[29.9212 µin] |
| PCB Contact Termination Area Plating Material Thickness | 2.54 – 5.08 µm[99.9998 – 199.9996 µin] |
| Contact Mating Area Plating Material | Gold (Au) |
| Contact Base Material | Brass |
| PCB Contact Termination Area Plating Material | Tin-Lead |
| Contact Type | Pin |
| Contact Current Rating (Max) | 1.5 A |

Termination Features

| | |
|--------------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
| Termination Post & Tail Length | 2.64 mm[.104 in] |

Mechanical Attachment

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

Housing Features

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

Dimensions

| | |
|--------------------|-------------------|
| Connector Height | 12.62 mm[.496 in] |
| Row-to-Row Spacing | 2.54 mm[.1 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application



| | |
|---------------------|--------|
| Shielded | No |
| Circuit Application | Signal |

Packaging Features

| | |
|------------------|-----|
| Packaging Method | Box |
|------------------|-----|

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 | Compliant with Exemptions |
| 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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (13% in 4690948374) Article Safe Usage Statements: 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 | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 240°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 # 5650908-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-

TE Part # 650889-5
096 EURO TYPE R PIN AP ASSY

TE Part # 5650470-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-

TE Part # 5148292-5
ASSY,RECEPTACLE,EUROCARD,TYPE

TE Part # 535032-4
096 EURO TYPE C RECEPT AP ASSY

TE Part # 5650895-4
ASSY,RECEPT,EUROCARD,TYPE R,LE

TE Part # 5650461-4
ASSY,RECEPTACLE,EUROCARD,TYPE

TE Part # 5650889-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-

Customers Also Bought

TE Part #642145-000
S01-02-R

TE Part #775210-000
S01-03-R

TE Part #CAT-J04-APHH
AMPSEAL PCB Right-Angle Headers

Documents

Product Drawings

096 EURO TYPE C PIN MFBL ASSY

English

CAD Files

Customer View Model

ENG_CVM_CVM_536437-6_BB.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_536437-6_BB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_536437-6_BB.3d_stp.zip

English

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Product Specifications

Application Specification

English