

EUROCARD

TE Internal #: 5650895-5

Receptacle, 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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Connector & Housing Type: **Receptacle**  
Connector System: **Board-to-Board**  
Termination Post & Tail Length: **2.79 mm [.11 in]**  
Number of Positions: **96**  
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                          | Standard              |
| DIN Level                         | II                    |

Configuration Features

|                            |             |
|----------------------------|-------------|
| Number of Positions        | 96          |
| Number of Rows             | 3           |
| PCB Mount Orientation      | Right Angle |
| Number of Columns          | 32          |
| Rows Loaded                | A, B, C     |
| Number of Signal Positions | 96          |

Termination Features

|                                |                 |
|--------------------------------|-----------------|
| Termination Post & Tail Length | 2.79 mm[.11 in] |
|--------------------------------|-----------------|



Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

Housing Features

|                    |                |
|--------------------|----------------|
| Centerline (Pitch) | 2.54 mm[.1 in] |
|--------------------|----------------|

Dimensions

|                    |                |
|--------------------|----------------|
| 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 |
|---------------------|--------|

Product Compliance

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

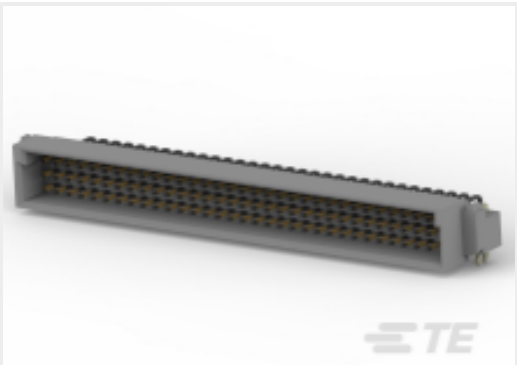
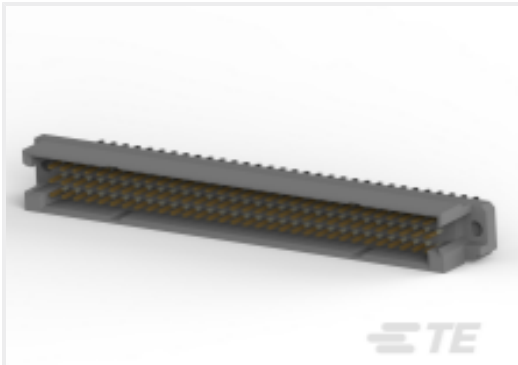
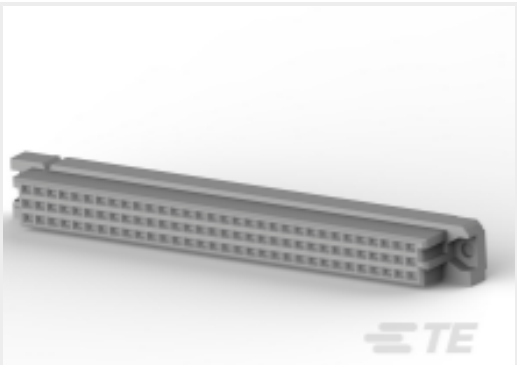
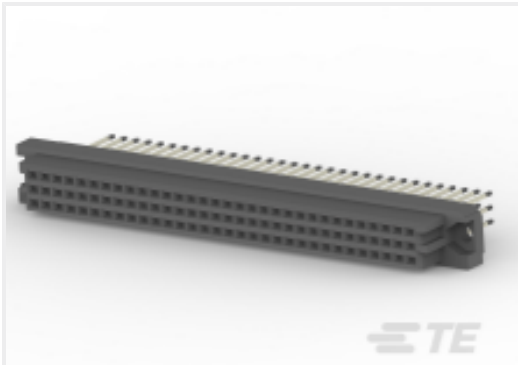
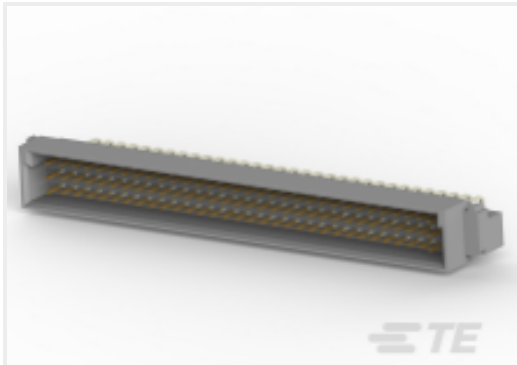
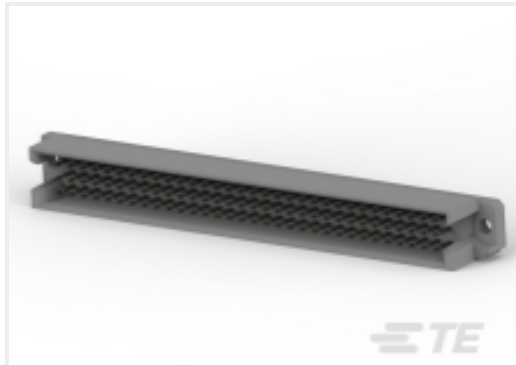
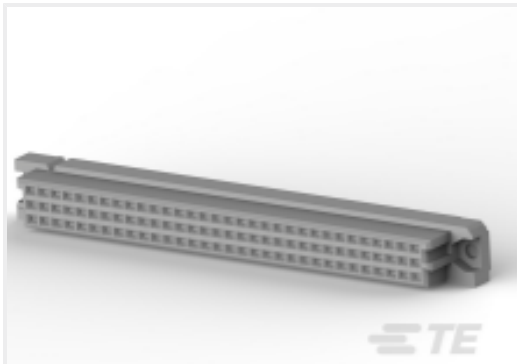
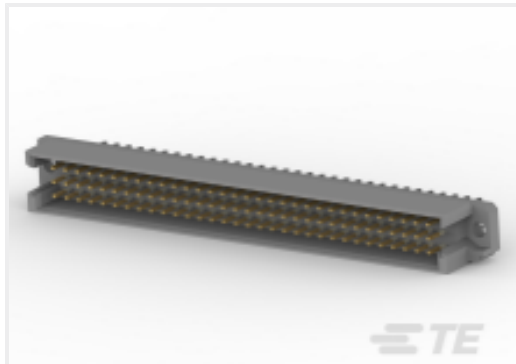
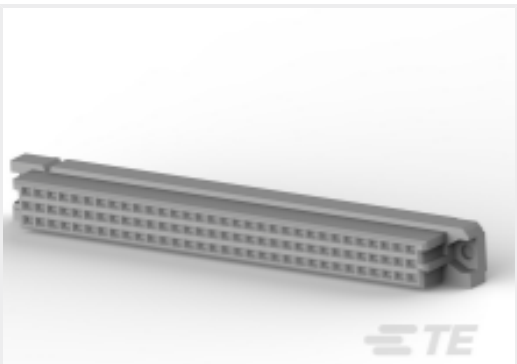
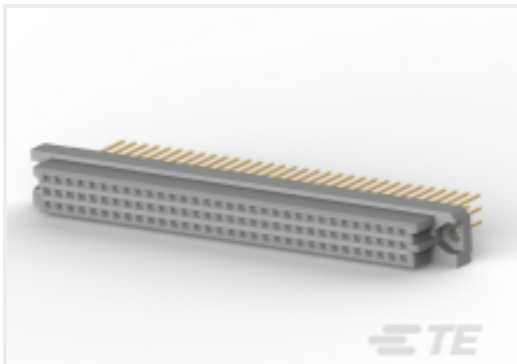
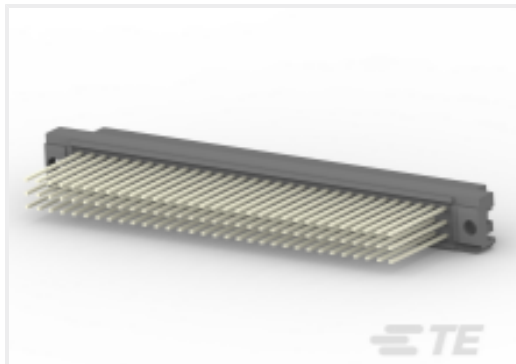
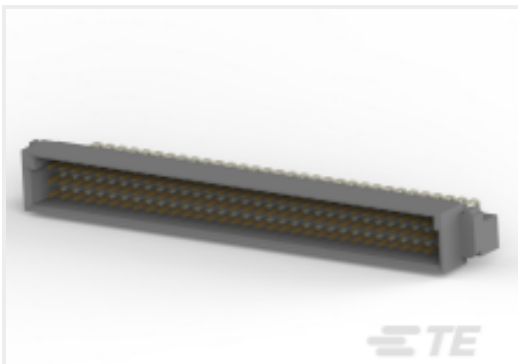
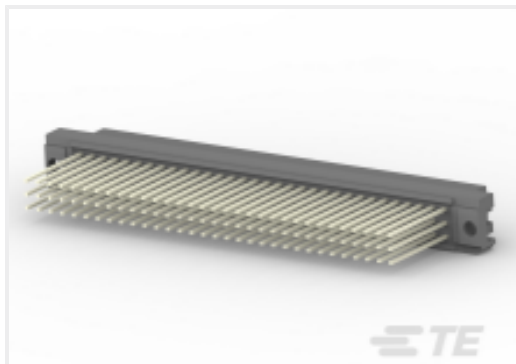
|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                           |
| 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

|                                                                                                                                                     |                                                                                                                                                              |                                                                                                                                                               |                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 5650913-5<br/>ASSY,PIN,EUROCARD,TYPE C,LEAD-</p>     |  <p>TE Part # 650889-5<br/>096 EURO TYPE R PIN AP ASSY</p>                 |  <p>TE Part # 650913-5<br/>096 EURO TYPE C PIN BL ASSY</p>                 |  <p>TE Part # 650947-5<br/>096 EURO TYPE C PIN ST ASSY</p>                  |
|  <p>TE Part # 5535043-4<br/>ASSY,RECEPTACLE,EUROCARD,TYPE</p>     |  <p>TE Part # 5148057-5<br/>ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE</p>  |  <p>TE Part # 5536437-4<br/>ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,96 PO</p>  |  <p>TE Part # 5650908-5<br/>ASSY,PIN,EUROCARD,TYPE R,LEAD-FREE,96 PO</p>   |
|  <p>TE Part # 9-1393644-1<br/>V42254B1200C960=PC612 MESSERLE</p> |  <p>TE Part # 5148059-5<br/>ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE</p> |  <p>TE Part # 5535056-5<br/>ASSY,RECPT,EUROCARD,TYPE C,L-FREE,96,.19</p> |  <p>TE Part # 5650889-5<br/>ASSY,PIN,EUROCARD,TYPE R,LEAD-FREE,96,.19</p> |
|  <p>TE Part # 5535089-5<br/>ASSEMBLY,RECEPTACLE,EUROCARD, T</p>  |  <p>TE Part # 650473-5<br/>096 EURO TYPE C PIN ST ASSY</p>               |  <p>TE Part # 1-148057-5<br/>096 EURO TYP C RECP 13MM ASSY</p>           |  <p>TE Part # 1-148059-5<br/>096 EURO TYP C RECP 17MM ASSY</p>            |
|  <p>TE Part # 4-1393637-6<br/>V42254P2263C960=PC612 FEDERLEI</p> |  <p>TE Part # 5650473-5<br/>ASSY,PIN,EUROCARD,TYPE C,LEAD-</p>           |  <p>TE Part # 9-1393640-2<br/>V42254B2201C960=PC612 FEDERLEI</p>         |  <p>TE Part # 148059-5<br/>096 EURO TYP C RECP 17MM ASSY</p>              |

Customers Also Bought





TE Part #5650913-5  
ASSY,PIN,EUROCARD,TYPE C,LEAD-



TE Part #1-770970-0  
08P MINI UMNL R/A HDR ASSY SN



TE Part #1879208-9  
CPF 0402 22R 0.1% 25PPM 1K RL



TE Part #DTM13-08PA-R004  
HDR, 8P, GRY, RA, NI/CU, A



TE Part #1-770967-1  
03P MINI UMNL R/A HDR ASSY AU



TE Part #1006943-F  
LDES500UF6S;PRES;0-500Pa;0,5-4,5V;  
5Vs



TE Part #CAT-D487-H342  
DEUTSCH DT Headers



TE Part #DRC23-40PA-N012  
HDR, 40P, BLK, RA, AU/NI/CU, A



TE Part #104069-4  
10 SYSTEM 50 HDR DRRA SHRD

Documents

Product Drawings

ASSY,RECEPT,EUROCARD,TYPE R,LEAD-FREE,96

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5650895-5\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_5650895-5\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5650895-5\_A.3d\_stp.zip

English

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Product Specifications



Application Specification

English

Agency Approvals

UL

English