

EUROCARD

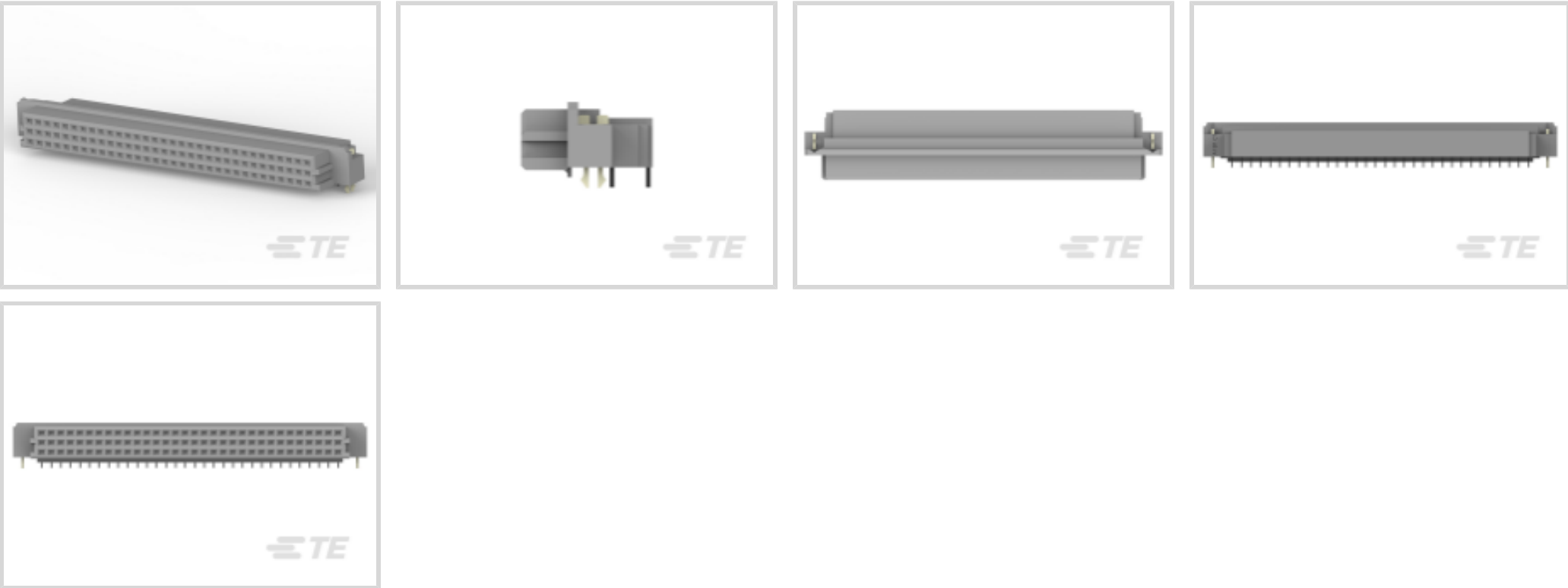
TE Internal #: 5650897-5

Eurocard Connectors, Receptacle, Board-to-Board, 96 Position, .1 in [2.54 mm] Centerline, Printed Circuit Board, 3 Row, Right Angle, 32 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: **2.79 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          |
| Number of Signal Positions | 96          |
| Rows Loaded                | A, C        |

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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<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 # 4-1393659-7<br/>V42254B1202R963=PC612 MESSERLE</p> |  <p>TE Part # 1-148057-5<br/>096 EURO TYP C RECP 13MM ASSY</p>     |  <p>TE Part # 5535089-5<br/>ASSEMBLY,RECEPTACLE,EUROCARD,<br/>T</p> |  <p>TE Part # 650934-5<br/>064 EURO TYPE R PIN ST ASSY</p>            |
|  <p>TE Part # 5650933-5<br/>ASSY,PIN,EUROCARD,TYPE R,LEAD-</p>  |  <p>TE Part # 650473-5<br/>096 EURO TYPE C PIN ST ASSY</p>        |  <p>TE Part # 5650908-5<br/>ASSY,PIN,EUROCARD,TYPE R,LEAD-</p>     |  <p>TE Part # 5650473-5<br/>ASSY,PIN,EUROCARD,TYPE C,LEAD-</p>       |
|  <p>TE Part # 650947-5<br/>096 EURO TYPE C PIN ST ASSY</p>     |  <p>TE Part # 9-1393644-1<br/>V42254B1200C960=PC612 MESSERLE</p> |  <p>TE Part # 5535043-4<br/>ASSY,RECEPTACLE,EUROCARD,TYPE</p>     |  <p>TE Part # 5535090-5<br/>ASSEMBLY,RECEPTACLE,EUROCARD,<br/>T</p> |
|  <p>TE Part # 650913-5<br/>096 EURO TYPE C PIN BL ASSY</p>     |  <p>TE Part # 5650470-5<br/>ASSY,PIN,EUROCARD,TYPE R,LEAD-</p>   |  <p>TE Part # 1-148059-5<br/>096 EURO TYP C RECP 17MM ASSY</p>    |  <p>TE Part # 535032-4<br/>096 EURO TYPE C RECEPT AP ASSY</p>       |
|  <p>TE Part # 5535032-4<br/>ASSY,RECEPTACLE,EUROCARD,TYPE</p>  |  <p>TE Part # 5650889-5<br/>ASSY,PIN,EUROCARD,TYPE R,LEAD-</p>   |  <p>TE Part # 5650963-5<br/>ASSY,RECEPTACLE,EUROCARD,TYPE</p>     |  <p>TE Part # 650889-5<br/>096 EURO TYPE R PIN AP ASSY</p>          |

Customers Also Bought





TE Part # 6-1415537-5  
SR6A6K24

TE Part # 5179031-8  
0.8FH,P08H.5,160,08/Sn,TU

TE Part # 5650870-5  
ASSEMBLY,RECEPTACLE,EURO,TYPE

TE Part # 4-2176092-4  
RP 2A 0.25W 2K05 0.1% 25PPM 1K RL

TE Part # 4-1879355-5  
RR03 5% 300K AMMO

TE Part # 1903302-3  
SD RVS 0H EMBOSS ASSY

TE Part # 2-2176264-9  
RN 0805 1M0 0.1% 10PPM 1K RL

Documents

Product Drawings  
ASSY,RECEPT,EURO,TYPE R,L-FREE,A&C,64/96  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_5650897-5\_O.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_5650897-5\_O.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_5650897-5\_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