

EUROCARD

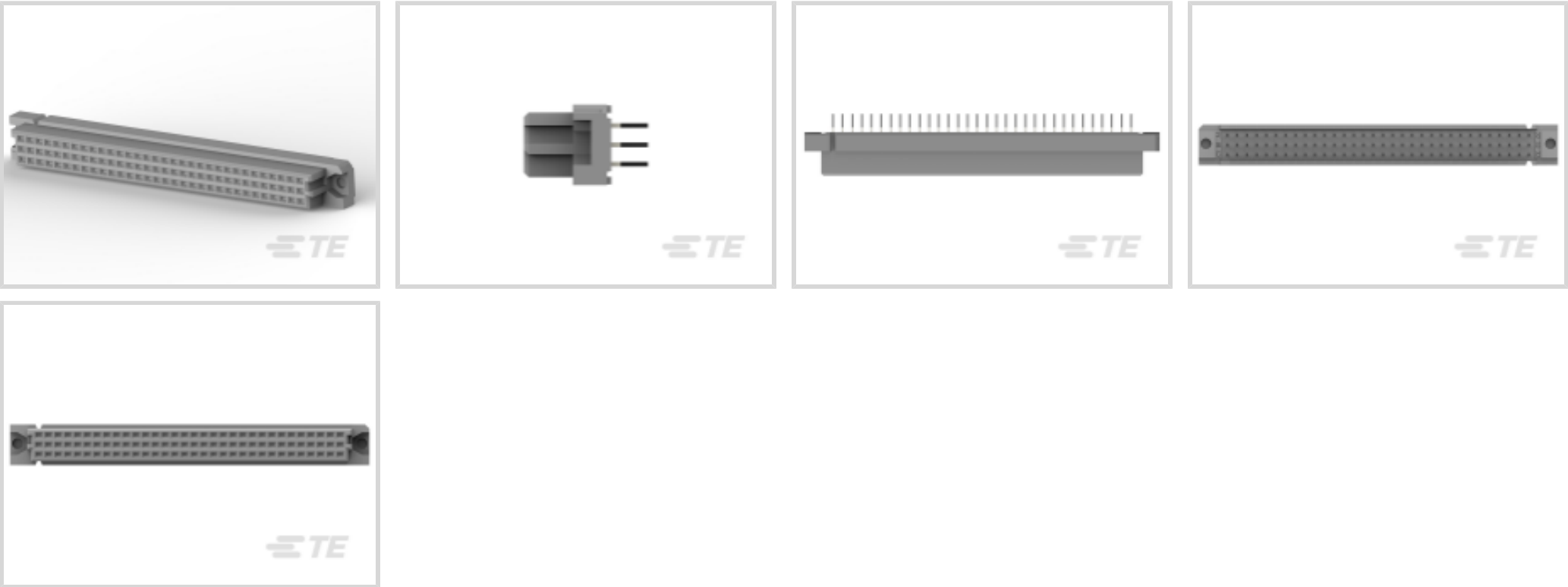
TE Internal #: 5535089-5

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

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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: **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      | Vertical |
| Number of Columns          | 32       |
| Rows Loaded                | A, B, C  |
| Number of Signal Positions | 96       |

Contact Features

|                       |              |
|-----------------------|--------------|
| Contact Base Material | Copper Alloy |
|-----------------------|--------------|



|                                               |        |
|-----------------------------------------------|--------|
| PCB Contact Termination Area Plating Material | Tin    |
| Contact Type                                  | Socket |
| Contact Current Rating (Max)                  | 1.5 A  |

Termination Features

|                                |                       |
|--------------------------------|-----------------------|
| Termination Method to PCB      | Through Hole - Solder |
| Termination Post & Tail Length | 2.49 mm[.098 in]      |

Mechanical Attachment

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

Housing Features

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

Dimensions

|                    |                |
|--------------------|----------------|
| Connector Height   | 6.4 mm         |
| 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 |

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

TE Part # 215605-1  
96P.IEC-C MALE CONN

TE Part # 5536149-5  
ASSY,PIN,ENH.TYPE C,EUROCARD,L-FREE,5ROW

TE Part # 5536366-1  
ASSY,PIN,EURO,TYPE C,LEAD-FREE, 96 POS.,.

TE Part # 4-1393659-5  
V42254B1202R960=PC612 MESSERLE

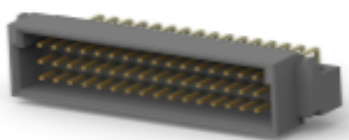
TE Part # 148057-5  
096 EURO TYP C RECP 13MM ASSY

TE Part # 650473-5  
096 EURO TYPE C PIN ST ASSY

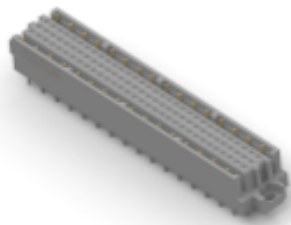
TE Part # 536154-5  
096 ENHNCD EURO RECPT ST ASSY

TE Part # 535090-5  
096 EURO TYPE C RECEPT ST ASSY

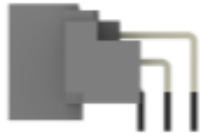




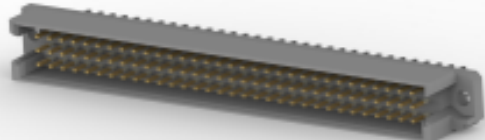
TE Part # 650478-3  
048 EURO TYPE C PIN ST ASSY



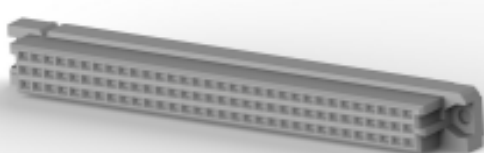
TE Part # 650992-5  
096 ENHNCD EURO RECEPT AP ASSY



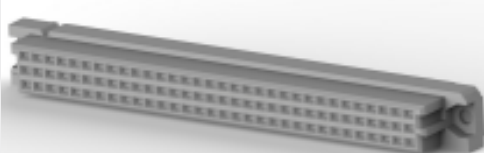
TE Part # 5536010-5  
ASSY,PIN,EUROCARD,TYPE C,LEAD-



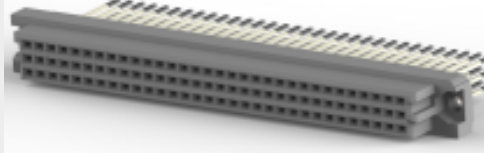
TE Part # 5650889-5  
ASSY,PIN,EUROCARD,TYPE R,LEAD-



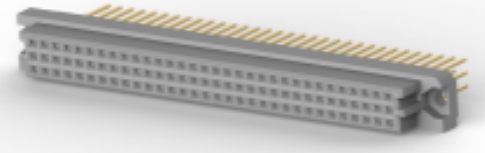
TE Part # 5535032-5  
ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE



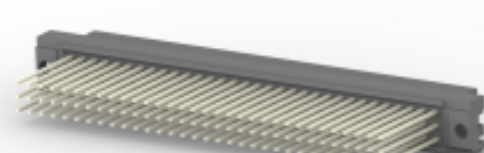
TE Part # 5535056-5  
ASSY,RECPT,EUROCARD,TYPE C,L-FREE,96,.19



TE Part # 5148059-5  
ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE



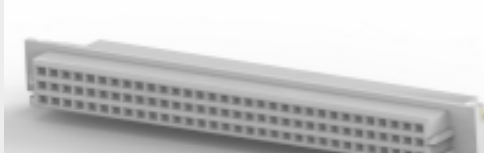
TE Part # 1-148057-5  
096 EURO TYP C RECP 13MM ASSY



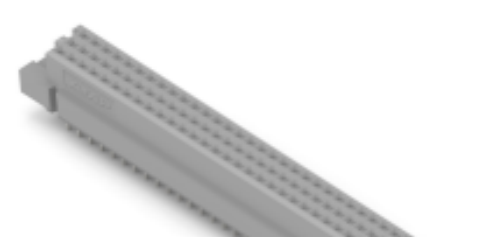
TE Part # 1-148059-5  
096 EURO TYP C RECP 17MM ASSY



TE Part # 5536744-1  
ASSY,PIN,EURO,TYPE R,LEAD-FREE, A&C,64/96



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



TE Part # 5536412-4  
ASSY,RECEPT,EURO,TYPE C,LEAD-FREE,96,.18

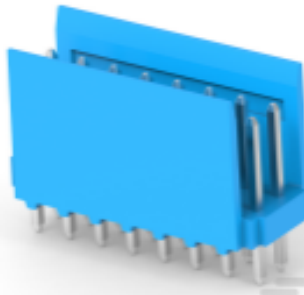
Customers Also Bought



TE Part #YF45018-61NF  
YAGI,FWG,3,450-490MHZ TB,8.6, FOLDED YAGI



TE Part #TRA4703  
OMNI,PH,NMO,470-490 WHT,3,150,3 /4MT



TE Part #CAT-AM74-H3401B  
HE13/HE14 TH Headers, DRST



TE Part #2-1625868-7  
RP 2A 0.25W 10R 0.1% 25PPM 1K RL



TE Part #1-1879138-2  
RN 0603 2K05 0.1% 10PPM 5K RL



TE Part #6-2176216-4  
CPF A 0603 180K 0.1% 25PPM 1K RL



TE Part #4-2176345-7  
CRGCO 1210 68K 1%



TE Part #5413194-1  
BNC, RT ANG, PCB, JACK



Documents

Product Drawings

[ASSEMBLY,RECEPTACLE,EUROCARD,T](#)

English

CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_5535089-5\\_O.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5535089-5\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5535089-5\\_O.3d\\_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English