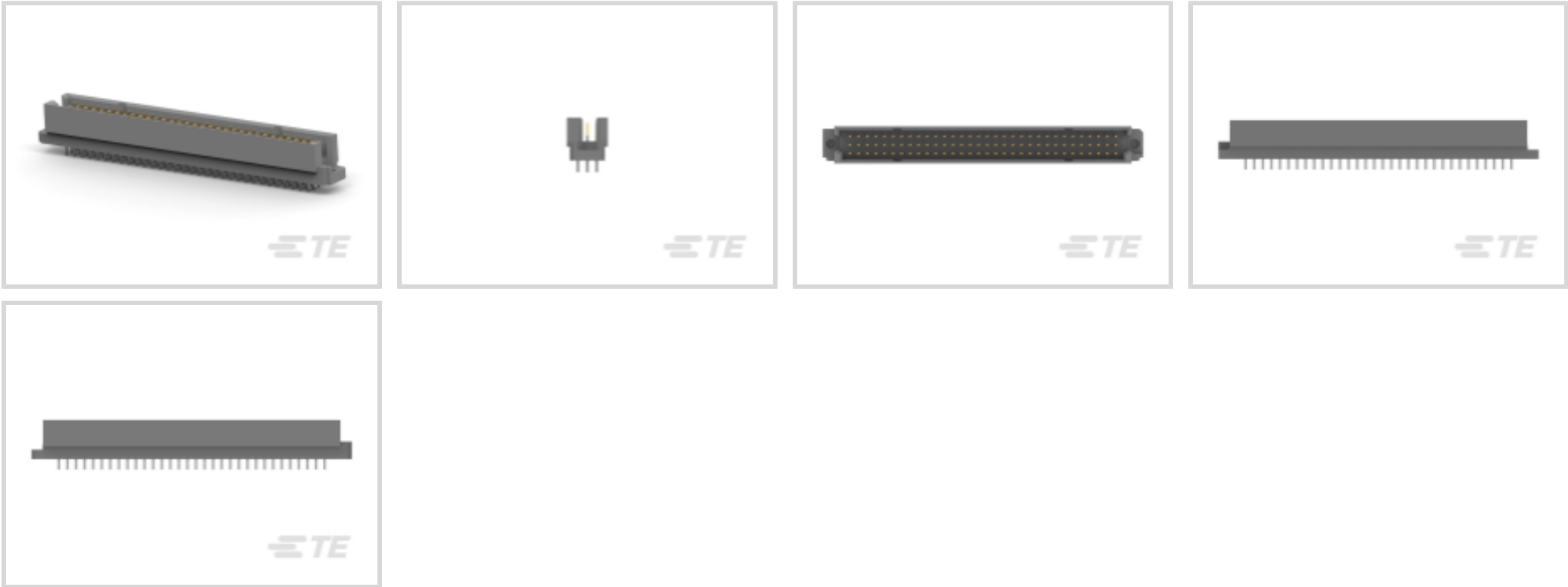




Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Plug**
Connector System: **Board-to-Board**
Termination Post & Tail Length: **3.1 mm [.122 in]**
Number of Positions: **96**
Centerline (Pitch): **2.54 mm [.1 in]**

Features

Mechanical Attachment

Connector Mounting Type	Board Mount
Mating Retention	With
PCB Mount Retention Type	Action/Compliant Tail
Mating Alignment	Without
PCB Mount Retention	With

Packaging Features

Packaging Method	Box
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Contact Features

Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	1.5 A

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
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Connector Height	11.51 mm
Row-to-Row Spacing	2.54 mm[.1 in]

Housing Features

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

Configuration Features

Mating & Unmating Configuration	Make First / Break Last
Number of Positions	96
Number of Rows	3
PCB Mount Orientation	Vertical
Number of Columns	32
Rows Loaded	B, C, A
Number of Signal Positions	96

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	3.1 mm[.122 in]

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

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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

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

TE Part # 5650473-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-

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

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

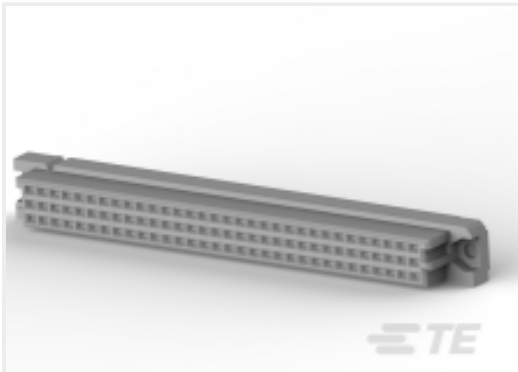
TE Part # 4-1393637-6
V42254P2263C960=PC612 FEDERLEI

TE Part # 9-1393640-2
V42254B2201C960=PC612 FEDERLEI

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



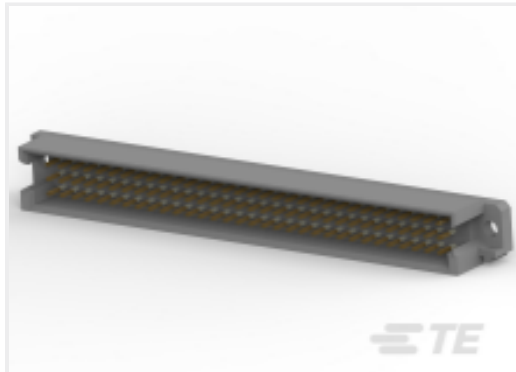
TE Part # 5650963-5
ASSY,RECEPTACLE,EUROCARD,TYPE



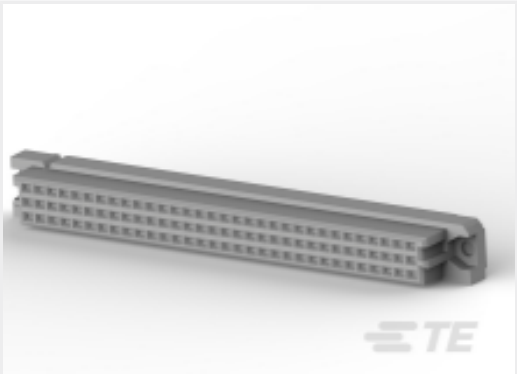
TE Part # 5535090-5
ASSEMBLY,RECEPTACLE,EUROCARD,TYPE



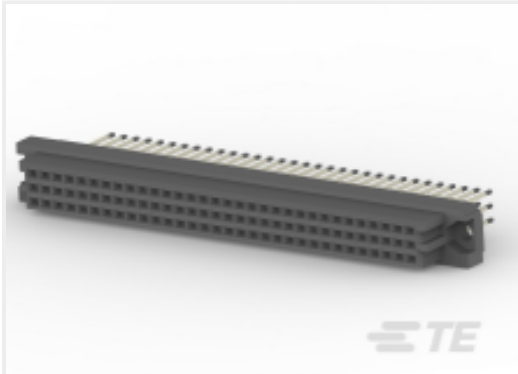
TE Part # 5148292-5
ASSY,RECEPTACLE,EUROCARD,TYPE



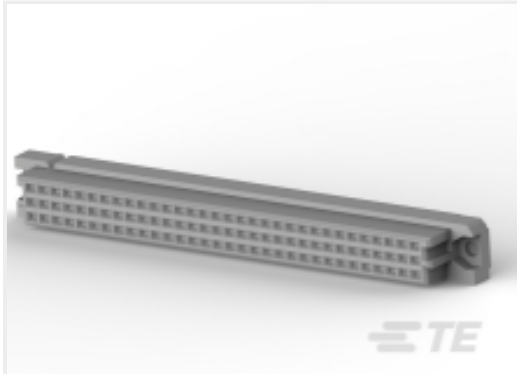
TE Part # 5650470-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-



TE Part # 5535032-4
ASSY,RECEPTACLE,EUROCARD,TYPE



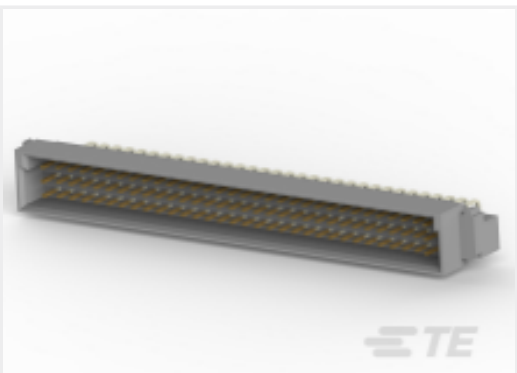
TE Part # 5148057-5
ASSY,RECEPTACLE,EUROCARD,TYPE



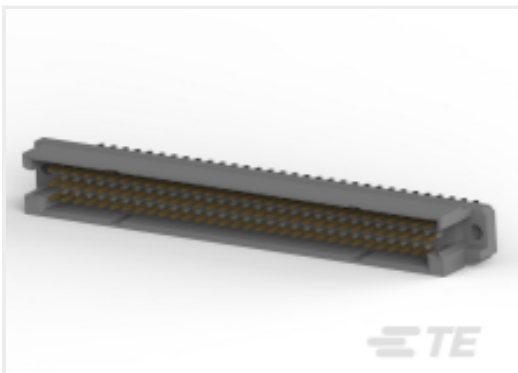
TE Part # 5535043-4
ASSY,RECEPTACLE,EUROCARD,TYPE



TE Part # 650913-5
096 EURO TYPE C PIN BL ASSY



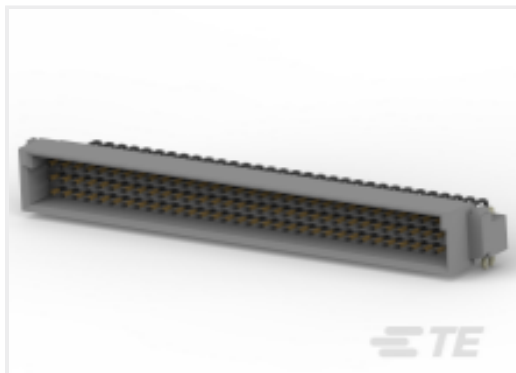
TE Part # 5536437-4
ASSY,PIN,EUROCARD,TYPE C,LEAD-



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



TE Part # 650947-5
096 EURO TYPE C PIN ST ASSY



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

Also in the Series | Eurocard Type R



Eurocard Connectors(80)



Standard Edge Connectors(1)

Customers Also Bought



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



Documents

Product Drawings

ASSY,PIN,EUROCARD,TYPE R,LEAD-FREE,96 PO

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5148304-4_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5148304-4_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5148304-4_O.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English