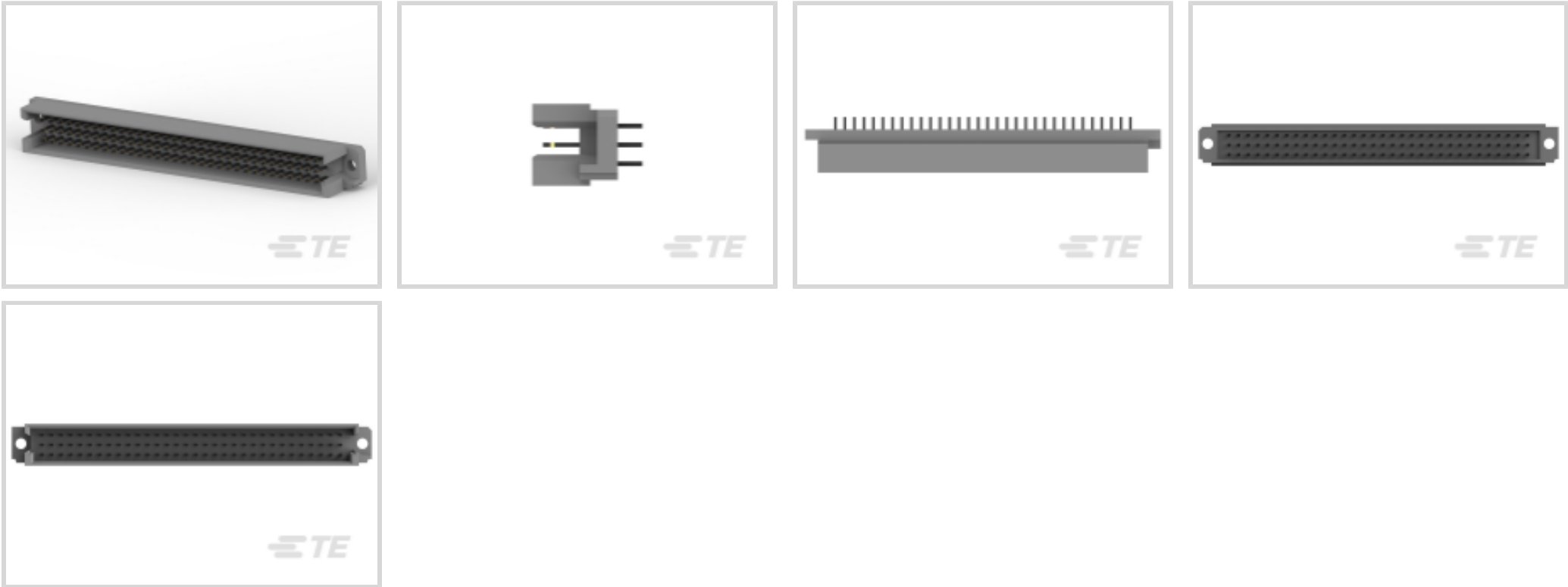




Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Plug**
Connector System: **Board-to-Board**
Termination Post & Tail Length: **3.3 mm [.13 in]**
Number of Positions: **96**
Centerline (Pitch): **2.54 mm [.1 in]**

Features

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

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

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Gray
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Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 µm[100 – 200 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Type	Pin
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.3 mm[.13 in]

Mechanical Attachment

Connector Mounting Type	Board Mount
Panel Mount Feature	Without
Mating Retention	Without
Mating Alignment	Without
PCB Mount Alignment	Without
PCB Mount Retention	Without

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	11.4 mm[.45 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

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

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box
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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	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 # 1-536437-1
096 EURO TYPE C PIN MFBL ASSY



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



TE Part # 1-536437-9
096 EURO TYPE C PIN MFBL ASSY



TE Part # 536366-6
096 EURO TYPE C PIN MFBL ASSY



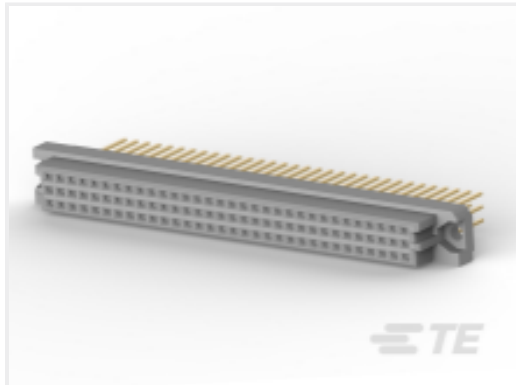
TE Part # 536366-1
096 EURO TYPE C PIN MFBL ASSY



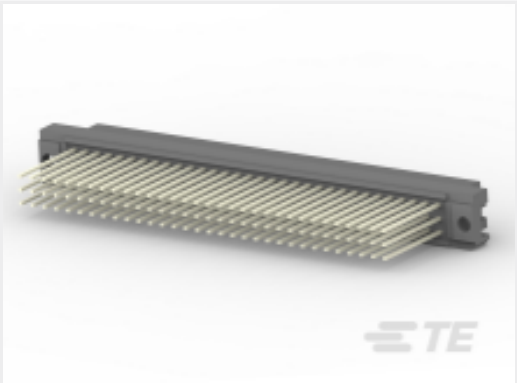
TE Part # 536418-5
096 EURO TYPE C RECEPT BL ASSY



TE Part # 536412-4
096 EURO TYPE C RECEPT BL ASSY



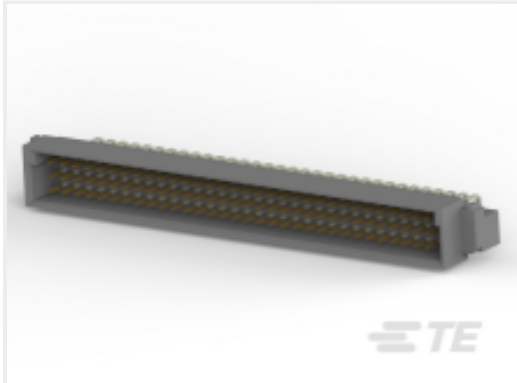
TE Part # 1-148057-5
096 EURO TYP C RECP 13MM ASSY



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



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



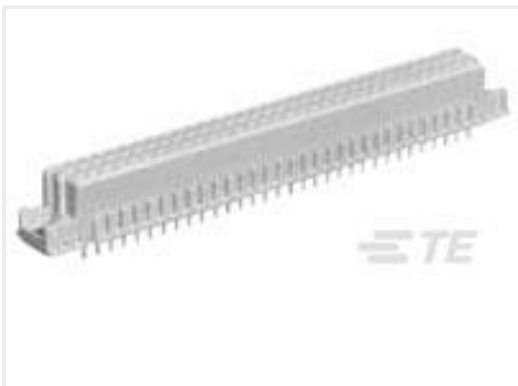
TE Part # 5650473-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-



TE Part # 5536475-1
ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,96 PO



TE Part # 536437-4
096 EURO TYPE C PIN MFBL ASSY



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



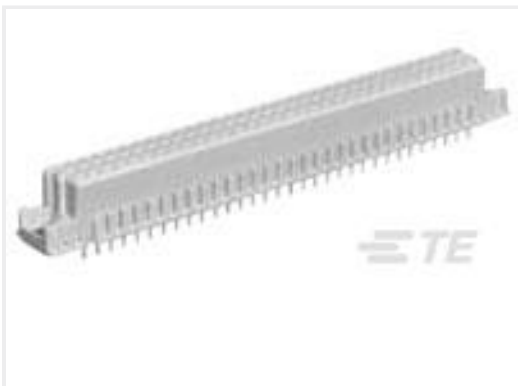
TE Part # 650895-4
096 EURO TYPE R RECEPT BL ASSY



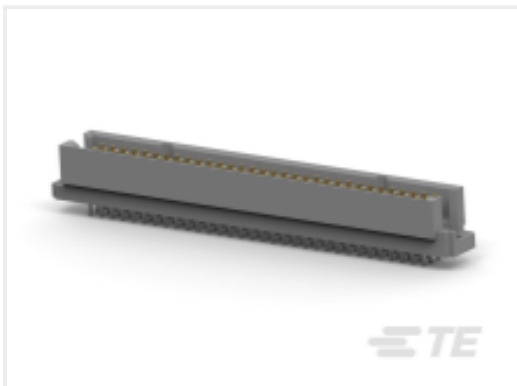
TE Part # 5536412-4
ASSY,RECEPT,EURO,TYPE C,LEAD-FREE,96,.18



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



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

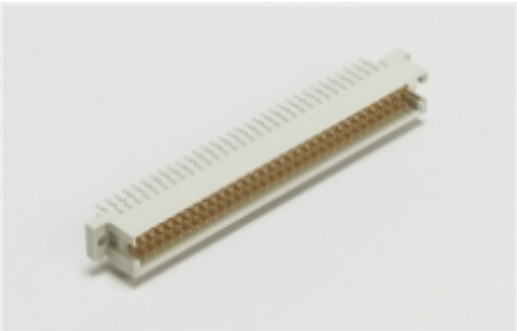


TE Part # 5148304-4
ASSY,PIN,EUROCARD,TYPE R,LEAD-FREE,96 PO

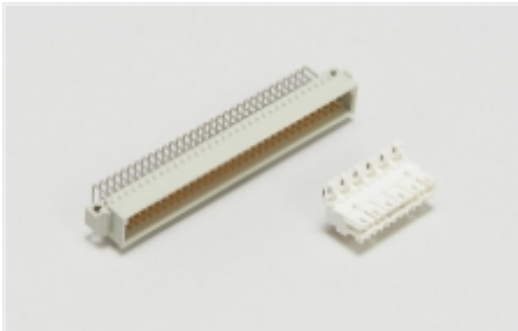


TE Part # 166873-2
96P.MT.CONN.KIT ASS

Also in the Series | Eurocard Type R



Eurocard Connectors(79)



Standard Edge Connectors(1)

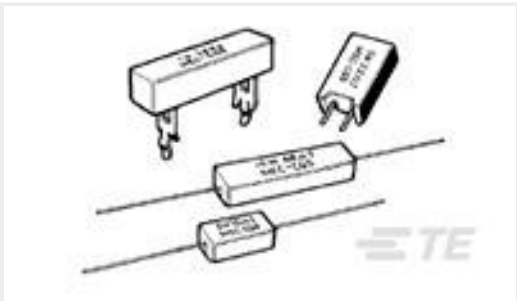
Customers Also Bought



TE Part #1-2040832-6
EMBOSS TAPING 0.25FPC BF-L-1.3



TE Part #745886-1
25 RCPT SP/MS CNUT



TE Part #2-1623789-4
SQM7 R68 5% (WIRE)



TE Part #5353928-1
Std USB Type A, R/A, SMT, Offset, Panel



TE Part #1734509-4
RJ45,8P8C,W/LED,G/Y,50u"



TE Part #1623720-2
CCR2 10K 10%



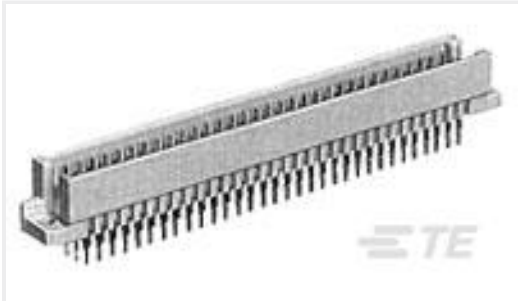
TE Part #1-148057-5
096 EURO TYP C RECP 13MM ASSY



TE Part #NB07246001
BATTU-20.1/8.9-A1-2-77MM



TE Part #3-644695-4
04P MTA100 STR HDR RETENTIVE



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

Documents

Product Drawings
ASSY,PIN,EUROCARD,TYPE R,LEAD-
English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_5650908-5_O.2d_dxf.zip

English

Customer View Model
ENG_CVM_5650908-5_O.3d_igs.zip

English

Customer View Model
ENG_CVM_5650908-5_O.3d_stp.zip

English

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Product Specifications



Application Specification

English

Agency Approvals

UL

English