3-1393641-1 ✔ ACTIVE

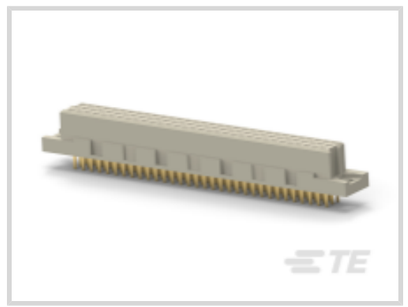
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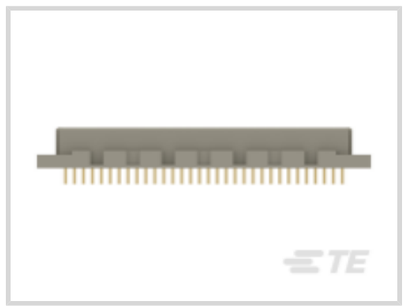
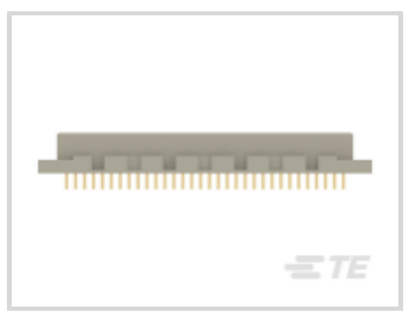
TE Internal #: 3-1393641-1

Eurocard Connectors, Receptacle, Board-to-Board, Termination Post & Tail Length 4.5 mm [.177 in], 96 Position, 2.54mm [.1in] Centerline

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**

Connector System: **Board-to-Board**

Termination Post & Tail Length: **4.5 mm [.177 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
Sealable	No
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
Number of Signal Positions	96
Rows Loaded	A, B, C

Contact Features

Contact Cross Section	.32 x .76 mm[.013 x .03 in]
Contact Type	Socket
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	4.5 mm[.177 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	10.6 mm
PCB Thickness (Recommended)	2.39 mm[.094 in]
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	Package

Product Compliance

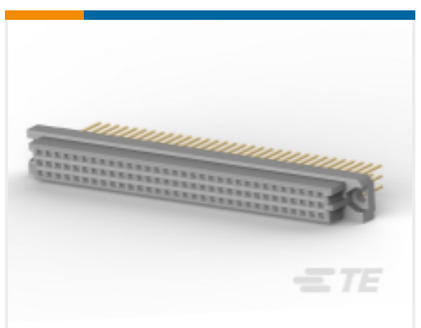
For compliance documentation, visit the product page on TE.com>

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 240°C

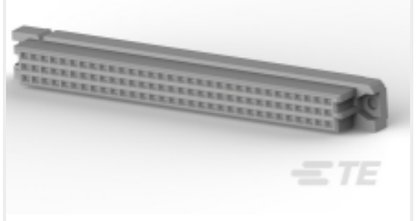
Product Compliance Disclaimer

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

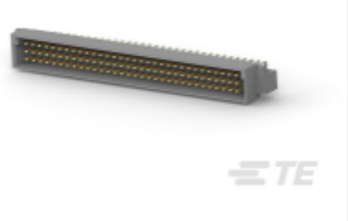
Compatible Parts



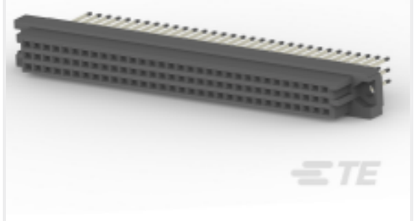
TE Part # 1-148057-5
096 EURO TYP C RECP 13MM ASSY



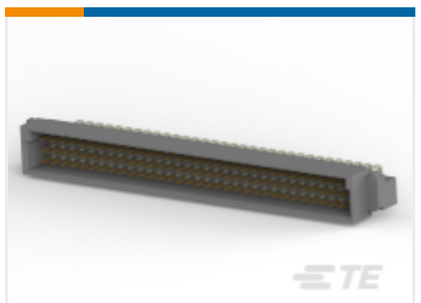
TE Part # 5535089-5
ASSEMBLY,RECEPTACLE,EUROCARD, T



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



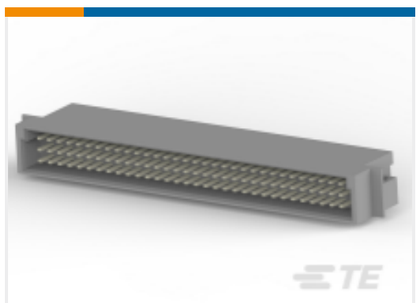
TE Part # 5148057-5
ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE



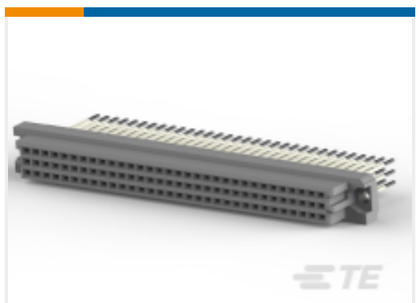
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ASSY,PIN,EUROCARD,TYPE C,LEAD-



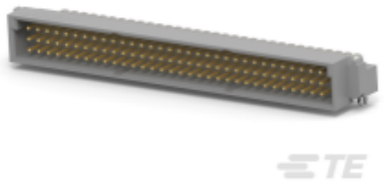
TE Part # 650947-5
096 EURO TYPE C PIN ST ASSY



TE Part # 215605-4
96P.IEC-C MALE CONN



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



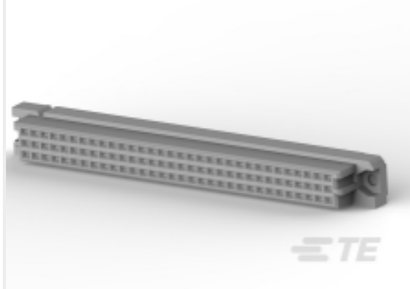
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ASSY,PIN,EUROCARD,TYPE C,LEAD-



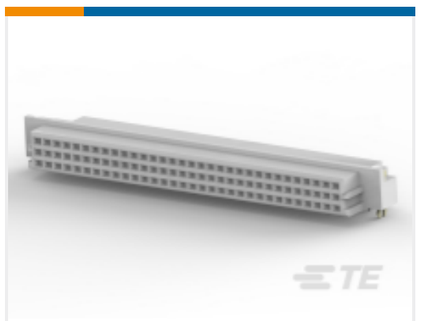
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V42254B1200C960=PC612 MESSERLE



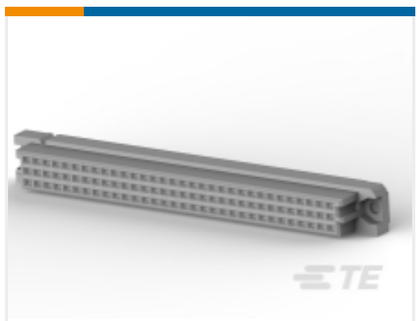
TE Part # 5650461-4
ASSY,RECEPTACLE,EUROCARD,TYPE



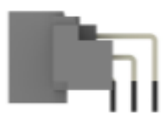
TE Part # 5535043-4
ASSY,RECEPTACLE,EUROCARD,TYPE



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



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



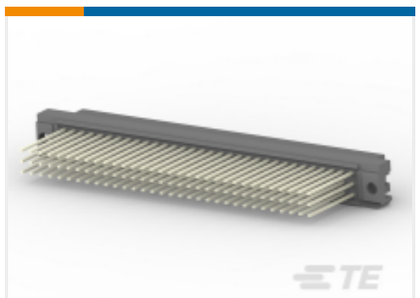
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ASSY,PIN,EUROCARD,TYPE C,LEAD-



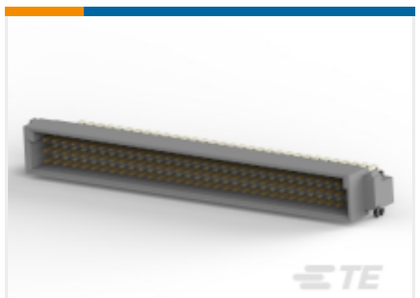
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V42254B1100C960=PC612 MESSERLE



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



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

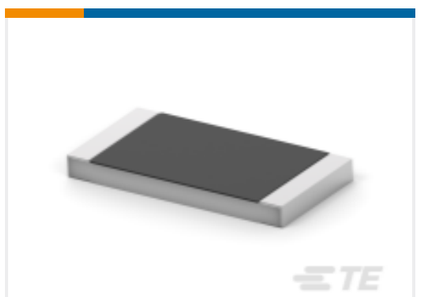


TE Part # 5536416-5
ASSY,PIN,EURO,"C",LEAD-FREE,96



TE Part # 535032-4
096 EURO TYPE C RECEPT AP ASSY

Customers Also Bought



TE Part #1622820-6
SMD Power Resistor: 1 Watt, 3520 Series



TE Part #1-338314-2
D-Sub Receptacle Assembly: Vertical, Shell Size 2, 2.74mm



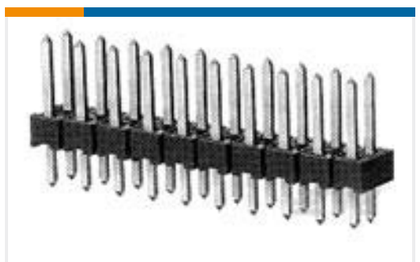
TE Part #1241050-4
2x4P MOD II BREAK AWAY HDR,SMD, BLISTER



TE Part #926495-1
KEYING BLOCK



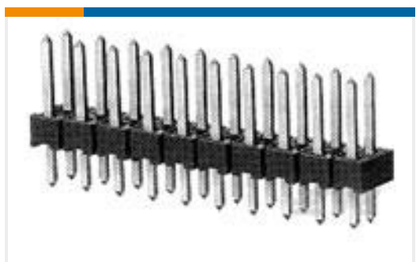
TE Part #1614881-8
CPF0603 15K 0.1% 25PPM 1K RL



TE Part #1-826632-2
12P AMPMODU II PIN HDR



TE Part #1623489-1
CRG1206 1% 33K



TE Part #1-826632-6
16P AMPMODU II STIFT LEI



TE Part #104068-4
40 SYSTEM 50 HDR DRST SHRD



TE Part #1-968876-3
AMP MCP 2.8, CONTACT SWS (LP)

Documents

Product Drawings

V42254B2202C960=PC612 FEDERLEI

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1393641-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1393641-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1393641-1_A.3d_stp.zip

English

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English

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English