5535056-5 ✔ ACTIVE

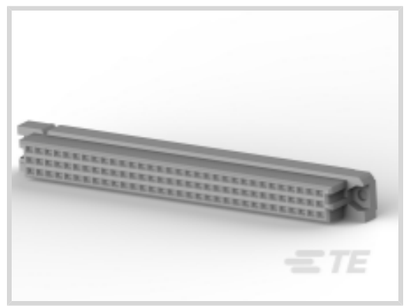
EUROCARD

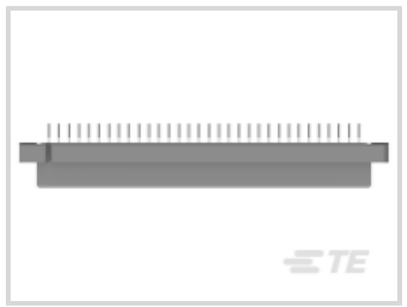
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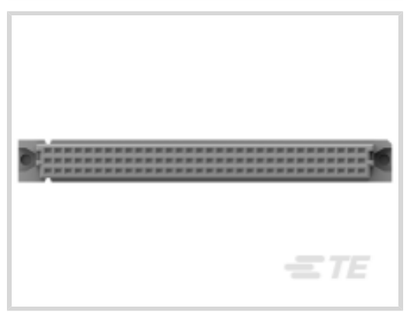
Eurocard Connectors, Receptacle, Board-to-Board, 96 Position, .1 in [2.54 mm] Centerline, Printed Circuit Board, 3 Row, Vertical, 32 Column

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors







Connector & Housing Type: **Receptacle**

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

Termination Post & Tail Length: **4.82 mm [.19 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
Number of Signal Positions	96
Rows Loaded	A, B, C

Contact Features

Contact Type	Socket

PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Termination Post & Tail Length	4.82 mm[.19 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	6.4 mm
PCB Thickness (Recommended)	1.57 mm[.062 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	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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

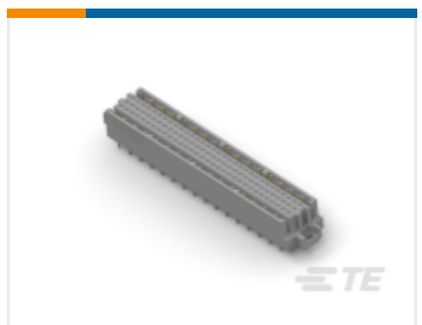
Compatible Parts



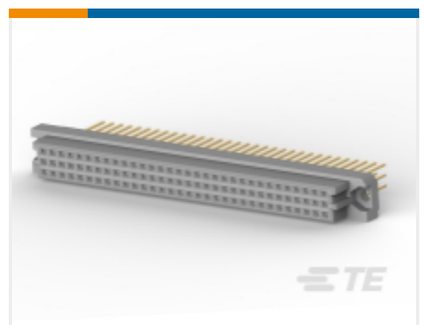
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ASSY,RECEPTACLE,EUROCARD,TYPE



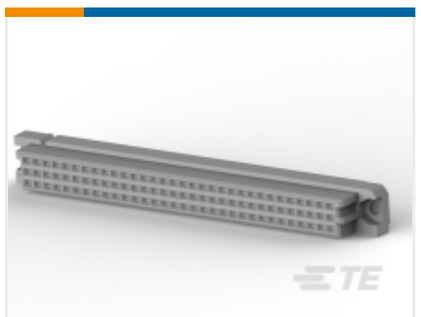
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ASSY,RECEPTACLE,EUROCARD,TYPE



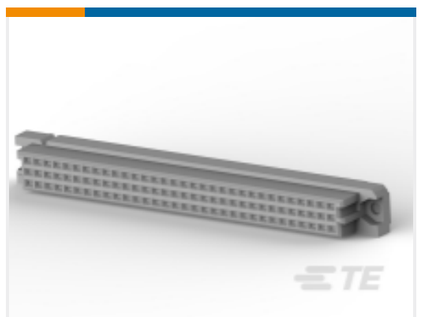
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096 ENHNCD EURO RECEPT AP ASSY



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



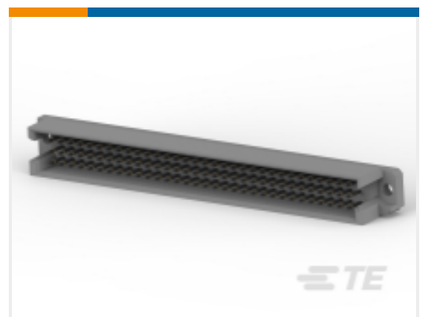
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ASSY,RECEPTACLE,EUROCARD,TYPE



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



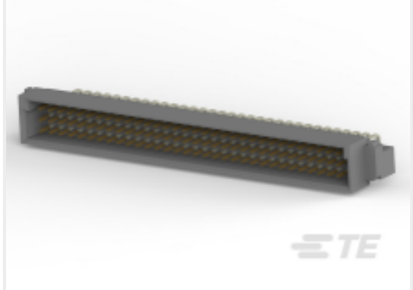
TE Part # 650473-5
096 EURO TYPE C PIN ST ASSY



TE Part # 5650908-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-



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



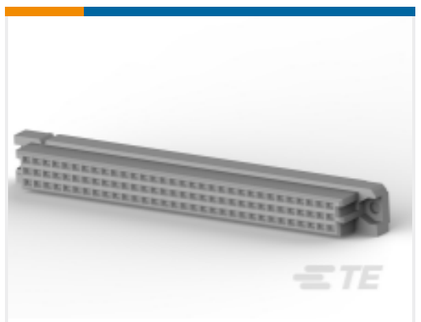
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ASSY,PIN,EUROCARD,TYPE C,LEAD-



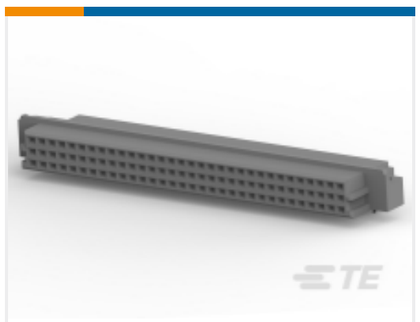
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ASSY,RECEPT,EURO,TYPE C,LEAD-F



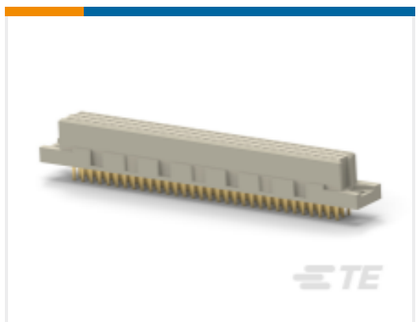
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096 EURO TYPE C PIN ST ASSY



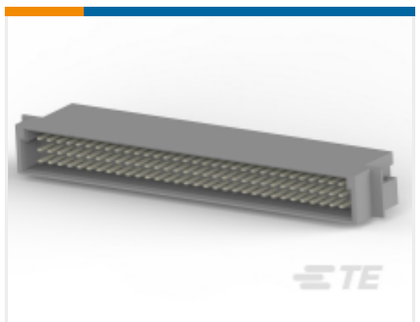
TE Part # 5535090-4
ASSEMBLY,RECEPTACLE,EUROCARD,T



TE Part # 650461-4
096 EURO TYPE R RECPT ASSY



TE Part # 3-1393641-1
V42254B2202C960=PC612 FEDERLEI



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



TE Part # 535043-4
096 EURO TYPE C RECEPT ST ASSY



TE Part # 5650963-4
ASSY,RECEPTACLE,EUROCARD,TYPE



TE Part # 5536405-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-



TE Part # 9-1393644-1
V42254B1200C960=PC612 MESSERLE

Customers Also Bought



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



TE Part # W2S
Wedgelocks: DEUTSCH DT



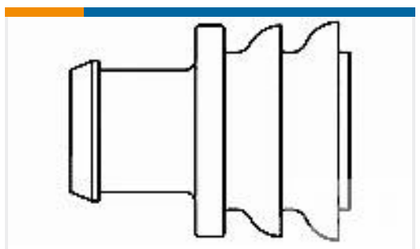
TE Part # 0460-202-16141
DEUTSCH Solid Contacts



TE Part # 282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



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



TE Part # 281934-2
SINGLE WIRE SEAL



TE Part # 114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings

ASSY,RECPT,EUROCARD,TYPE C,L-FREE,96,.19

English

CAD Files

Customer View Model

ENG_CVM_CVM_5535056-5_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5535056-5_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5535056-5_O.3d_stp.zip

English

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Product Specifications

Application Specification

English