5148116-5 ✔ ACTIVE

EUROCARD

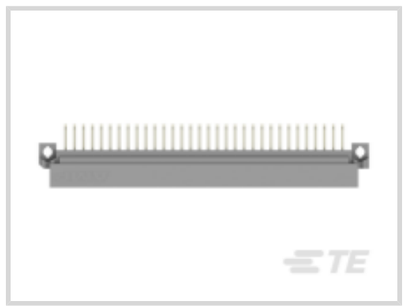
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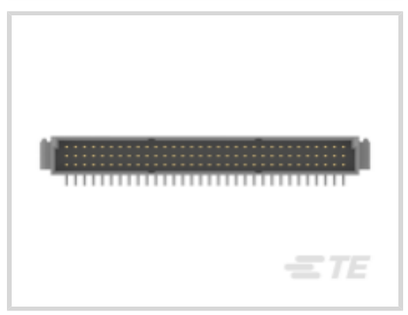
Plug, Board-to-Board, 96 Position, 2.54 mm [.1 in] Centerline, Printed Circuit Board, 3 Row, Right Angle, 32 Column, Eurocard Connectors

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors







Connector & Housing Type: **Plug**

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

Termination Post & Tail Length: **4.57 mm [.18 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	Right Angle
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	Pin
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	4.57 mm[.18 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

PCB Thickness (Recommended)	1.57 – 2.36 mm
Connector Height	12.62 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) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

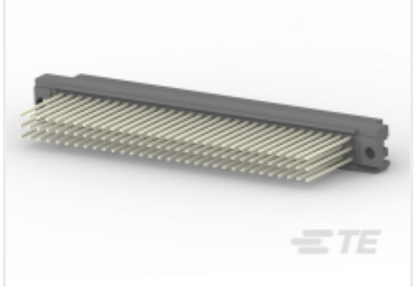
Product Compliance Disclaimer

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 # 2-1393640-4
V42254B2102C960=PC612 FEDERLEI



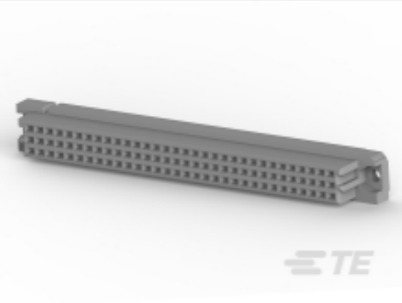
TE Part # 148059-5
096 EURO TYP C RECP 17MM ASSY



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



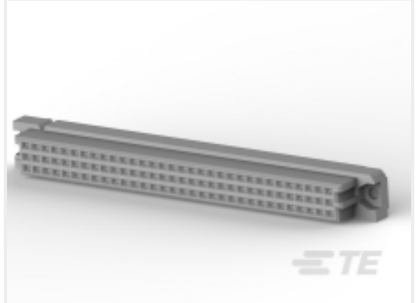
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ASSY,RECEPTACLE,EUROCARD,TYPE



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



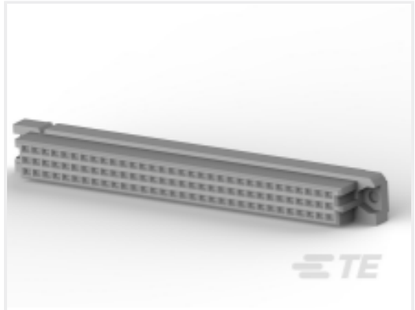
TE Part # 5148292-5
ASSY,RECEPTACLE,EUROCARD,TYPE



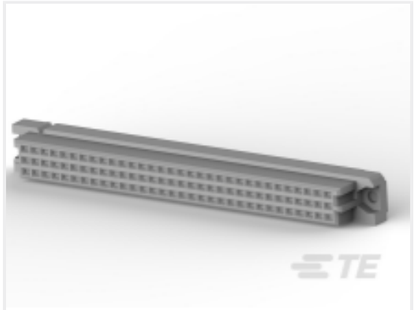
TE Part # 5535090-5
ASSEMBLY,RECEPTACLE,EUROCARD,T



TE Part # 5536418-5
ASSY,RECEPT,EURO,TYPE C,LEAD-F



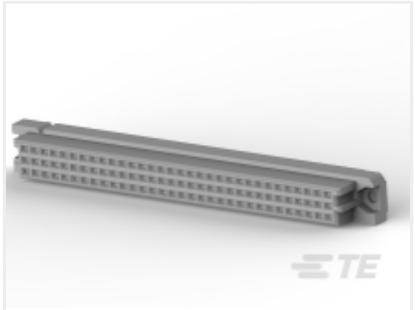
TE Part # 5535032-4
ASSY,RECEPTACLE,EUROCARD,TYPE



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



TE Part # 166873-5
96P.MT.CONN.KIT ASS



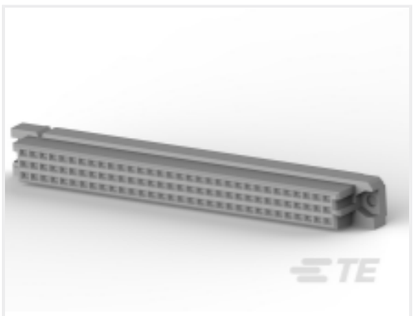
TE Part # 5535089-5
ASSEMBLY,RECEPTACLE,EUROCARD, T



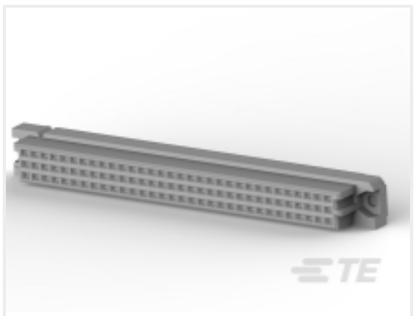
TE Part # 650473-5
096 EURO TYPE C PIN ST ASSY



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



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



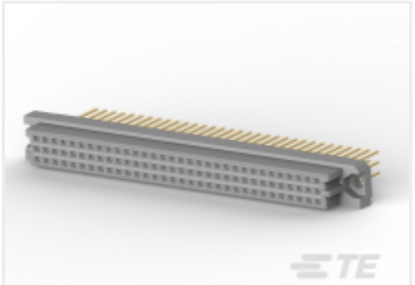
TE Part # 5535056-5
ASSY,RECPT,EUROCARD,TYPE C,L-FREE,96,.19



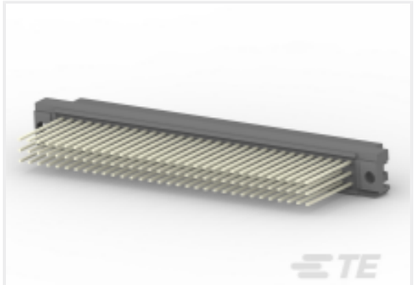
TE Part # 5148059-5
ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE



TE Part # 827803-1
96 POS HOUSING 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

Customers Also Bought



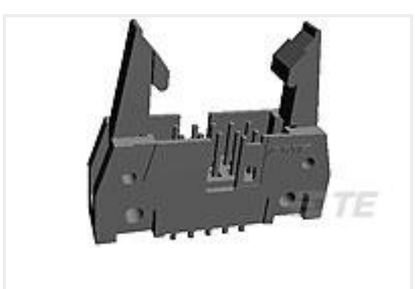
TE Part #1-188275-4
MICRO-MATCH SMD FTE



TE Part #2-208224-2
CPC RECPT ASSEMBLY SIZE 23-37



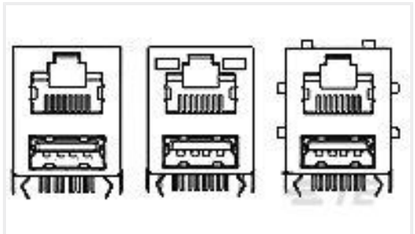
TE Part #390088-2
BLACK HSG WITH 15AU CONTACT



TE Part #499374-9
040 UNIV HDR SP 4S 30DP STD L2



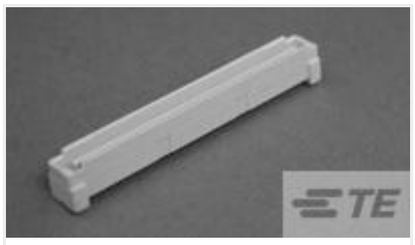
TE Part #796739-3
3 POS PCB MT 9.52MM HI CRT TBK



TE Part #4-1775855-2
RJ45 OVER USB W/ LED GO/G



TE Part #5-5179009-1
0.8FH,R09H.5,040,08/Sn,TU



TE Part #5179030-1
0.8FH,P07H.5,040,08/Sn,TU



TE Part #5535043-5
ASSY,RECEPTACLE,EUROCARD,TYPE



TE Part #2-1579008-3
EXTRACTION TOOL

Documents

Product Drawings

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

English

CAD Files

Customer View Model

ENG_CVM_CVM_5148116-5_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5148116-5_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5148116-5_O.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English