5148059-5 ✔ ACTIVE

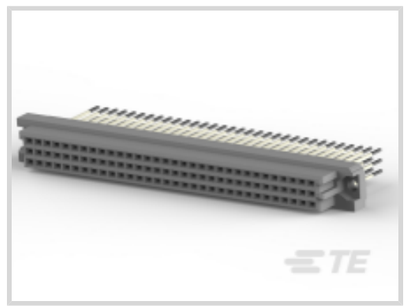
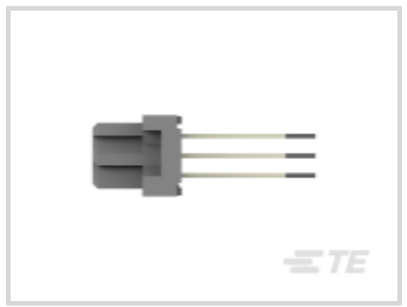
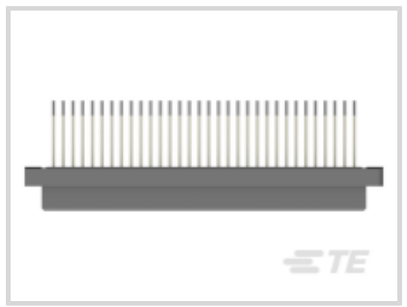
EUROCARD

TE Internal #: 5148059-5

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

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**

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

Termination Post & Tail Length: **17 mm [.669 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
Rows Loaded	A, B, C
Number of Signal Positions	48

Contact Features

Contact Base Material	Copper Alloy

Contact Type	Socket
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	17 mm[.669 in]

Mechanical Attachment

Connector Mounting Type	Board Mount
Mating Retention	With
PCB Mount Retention Type	Action/Compliant Tail
Mating Alignment Type	Polarization
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	11.51 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

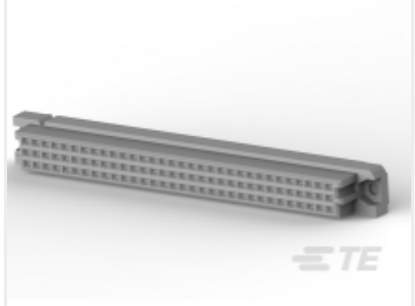
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) 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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

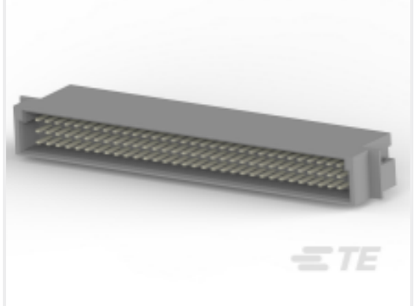
Product Compliance Disclaimer

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



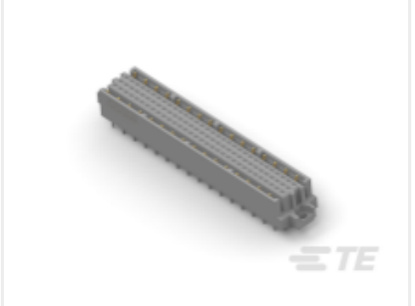
TE Part # 5535056-5
ASSY,RECPT,EUROCARD,TYPE C,L-FREE,96,.19



TE Part # 215605-1
96P.IEC-C MALE CONN



TE Part # 4-1393659-5
V42254B1202R960=PC612 MESSERLE



TE Part # 650992-5
096 ENHNCD EURO RECEPT AP ASSY



TE Part # 5536010-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-



TE Part # 5536366-1
ASSY,PIN,EURO,TYPE C,LEAD-FREE, 96 POS.,.



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



TE Part # 535090-5
096 EURO TYPE C RECEPT ST ASSY



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



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



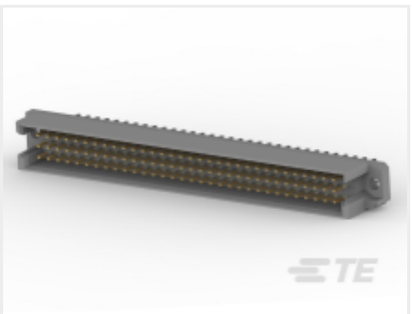
TE Part # 650478-3
048 EURO TYPE C PIN ST ASSY



TE Part # 5536149-5
ASSY,PIN,ENH.TYPE C,EUROCARD,L-FREE,5ROW



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



TE Part # 5650889-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-



TE Part # 148116-5
096 EURO TYPE C PIN ST ASSY



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



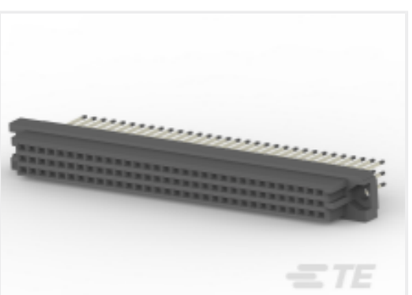
TE Part # 650913-5
096 EURO TYPE C PIN BL ASSY



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



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



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

Customers Also Bought



TE Part #350828-4
09P UMNL HDR ASSY PC 94VO LF



TE Part #350829-4
12P UMNL HDR ASSY PC 94VO LF



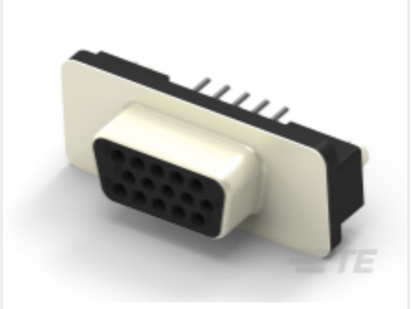
TE Part #1-747299-6
15 RCPT SP/FMS SCRLK



TE Part #1-1879927-7
EP 7W 2K2 5%



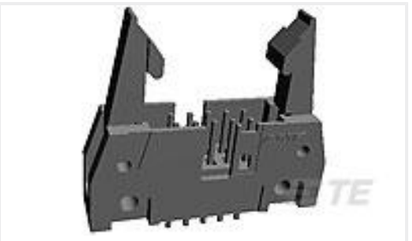
TE Part #1-1969688-4
PTL 1X4 PCB HEADER VERT HITEMP KEY A LGR



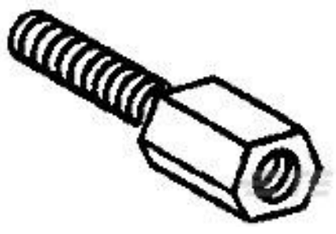
TE Part #2317171-1
AMPL REC, HD22, VERT, 15P, THREADED



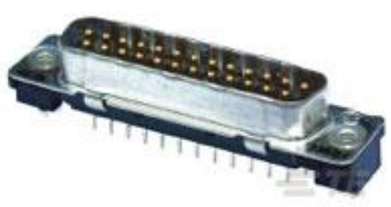
TE Part #5223961-1
TE UPM R/A Header 3P STD Power, LLL



TE Part #1-5499922-2
A/L UNIV HDR 64P VERT LAT



TE Part #5747877-3
FEMALE SCREWLOCK ZINC CLEAR



TE Part #5787686-1
37 PLUG SP/FMS (RET SL)

Documents

Product Drawings

ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE

English

CAD Files

Customer View Model

ENG_CVM_CVM_5148059-5_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5148059-5_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5148059-5_O.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English