



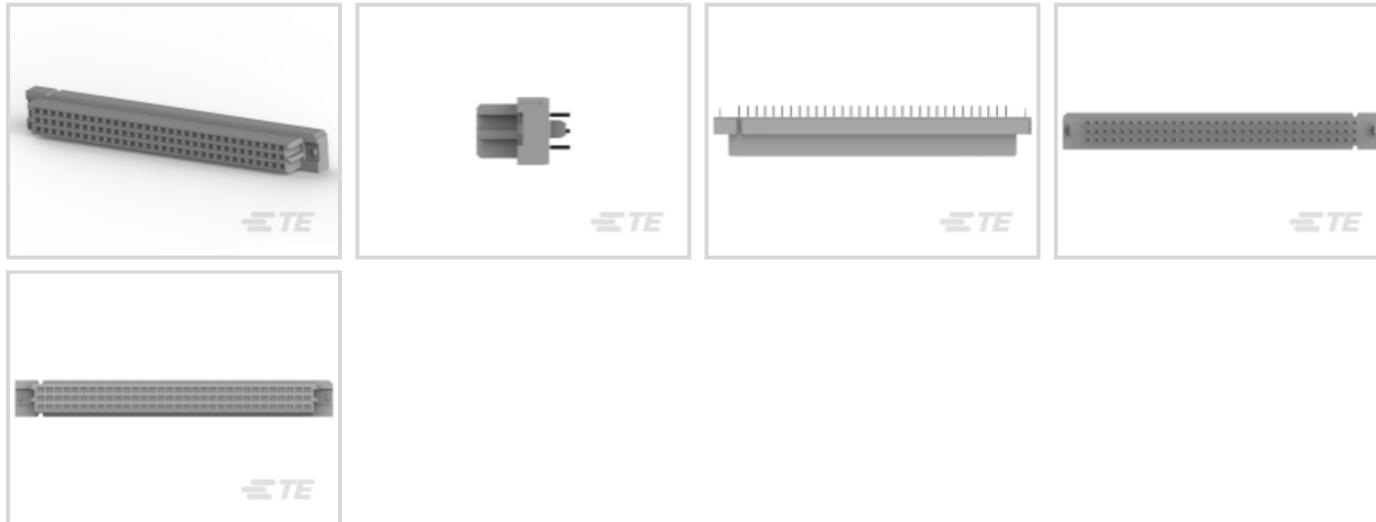
EUROCARD

TE Internal #: 5650963-5

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: **3.3 mm [.13 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

Mating & Unmating Configuration	Make First / Break Last
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

Body Features



Primary Product Color	Gray
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Contact Features

PCB Contact Termination Area Plating Material Thickness	.1 – .2 μm [3.93 – 7.87 μin]
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Mating Area Plating Material Thickness	.003 μm
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
Mating Retention	Without
PCB Mount Retention Type	Boardlock
Mating Alignment Type	Polarization
Mating Alignment	With
PCB Mount Retention	With

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	11.5 mm[.453 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

Operating Temperature Range	-55 – 105 $^{\circ}\text{C}$ [-67 – 221 $^{\circ}\text{F}$]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Box
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Product Compliance

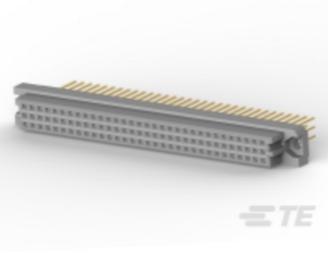
[For compliance documentation, visit the product page on TE.com>](#)

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

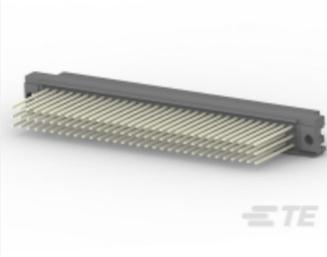
Product Compliance Disclaimer

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>

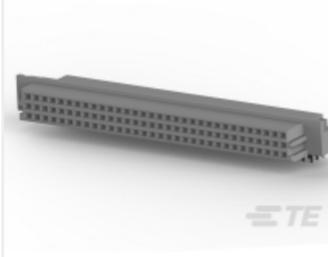
Compatible Parts



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



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



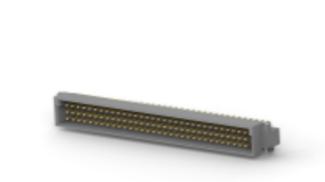
TE Part # 5650461-4
ASSY,RECEPTACLE,EUROCARD,TYPE



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



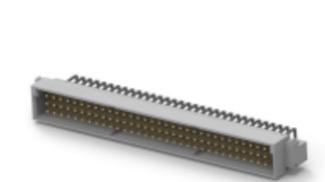

TE Part # 5536744-1
ASSY,PIN,EURO,TYPE R,LEAD-FREE,
A&C,64/96



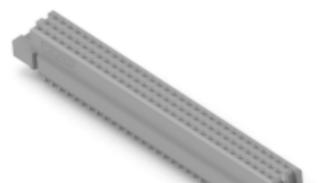
TE Part # 536405-5
096 EURO TYPE C PIN BL ASSY



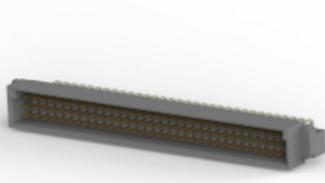
TE Part # 2-1393659-8
V42254B1201R960=PC612 MESSERLE



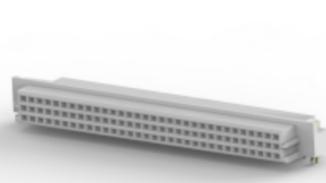
TE Part # 536010-5
096 EURO TYPE C PIN HT ASSY



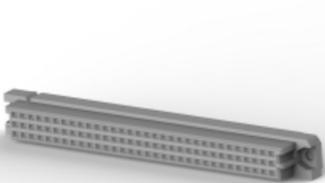
TE Part # 5536412-4
ASSY,RECEPT,EURO,TYPE C,LEAD-FREE,96,.18



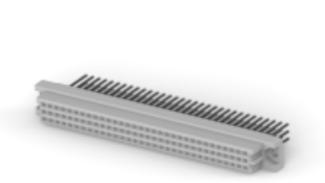
TE Part # 5650473-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,96,.18



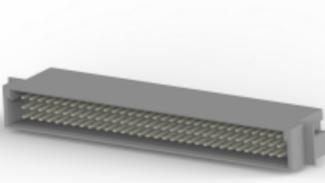
TE Part # 5650895-4
ASSY,RECEPT,EUROCARD,TYPE R,LEAD-FREE,96,.18



TE Part # 5535056-5
ASSY,RECEPT,EUROCARD,TYPE C,LEAD-FREE,96,.18



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



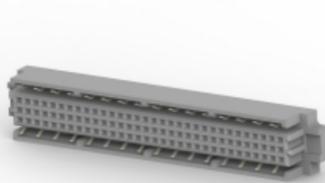
TE Part # 215605-1
96P.IEC-C MALE CONN



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



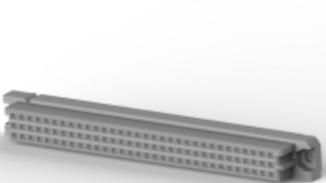
TE Part # 5536366-1
ASSY,PIN,EURO,TYPE C,LEAD-FREE,96 POS.,.18



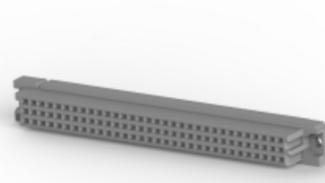
TE Part # 536154-5
096 ENHNCD EURO RECEPT ST ASSY



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

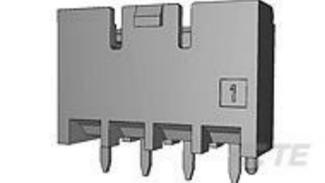


TE Part # 5535089-5
ASSEMBLY,RECEPTACLE,EUROCARD,TYPE C



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

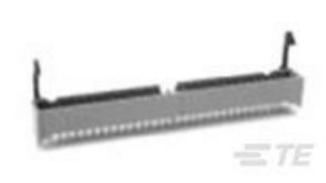
Customers Also Bought



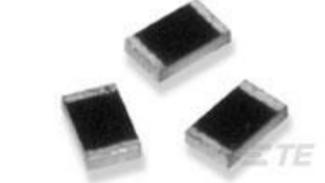
TE Part #1376421-1
10mm B-T-W Conn. 2P HDR ASSEMBLY



TE Part #2-1761609-7
IDC LOW PRO HDR 20P RA SHT LAT BLUE



TE Part #2-1761713-3
IDC LOW PRO HDR 10P VERT SHT L



TE Part #1879252-2
RP 2B 4R75 0.1% 15PPM 1K RL



TE Part #1939870-1
SD CARD CONNECTOR EMBOSS
ASSY



TE Part #2102775-1
DC, 7Row, Half End, RTM, MULTIGIG
RT 2R



TE Part #7-2176087-4
RP 1J 0.166W 402R 0.1% 25PPM 1K RL



TE Part #2232511-5
3P, RAST 5 TAB HEADER, THV



TE Part #3-2319847-3
END STACK DIP 2P J RAISED T&R



TE Part #5650913-5
ASSY, PIN, EUROCARD, TYPE C, LEAD-

Documents

Product Drawings

[ASSY, RECEPTACLE, EUROCARD, TYPE](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5650963-5_O.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5650963-5_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5650963-5_O.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

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English