

EUROCARD

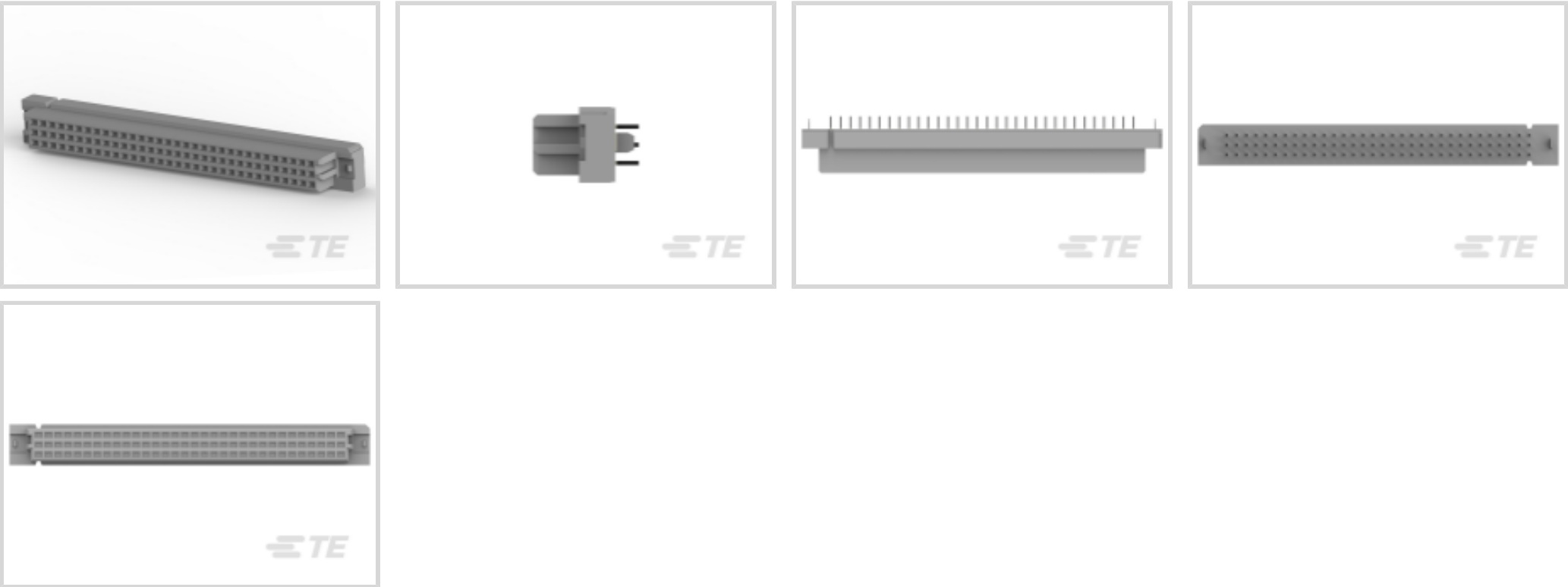
TE Internal #: 5650963-5

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

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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 °C[-67 – 221 °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

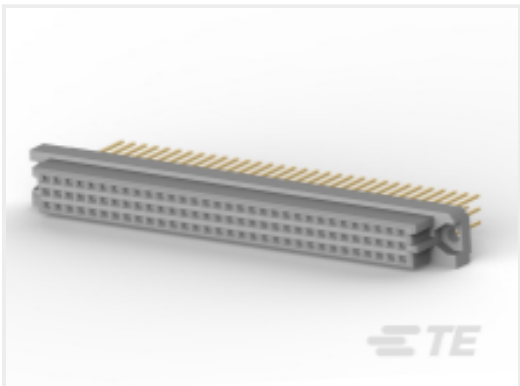
For compliance documentation, visit the product page on [TE.com](#)>

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: 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	Wave solder capable to 265°C

Product Compliance Disclaimer

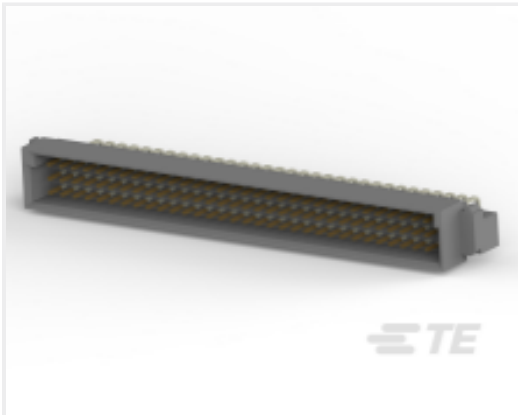
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2-1393659-8 V42254B1201R960=PC612 MESSERLE	 TE Part # 5536744-1 ASSY,PIN,EURO,TYPE R,LEAD-FREE, A&C,64/96	 TE Part # 5536475-1 ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,96 PO
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TE Part # 536405-5
096 EURO TYPE C PIN BL ASSY



TE Part # 5650473-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-



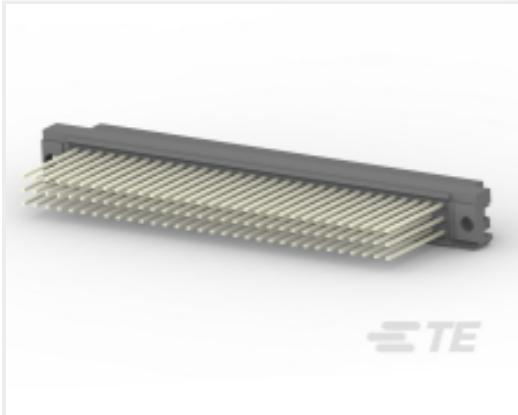
TE Part # 5536412-4
ASSY,RECEPT,EURO,TYPE C,LEAD-FREE,96,.18



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



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



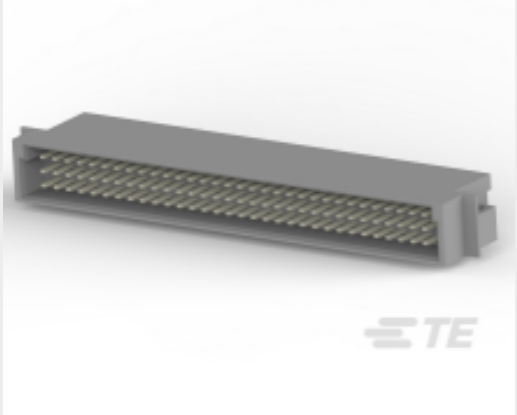
TE Part # 1-148059-5
096 EURO TYP C RECP 17MM ASSY



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



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



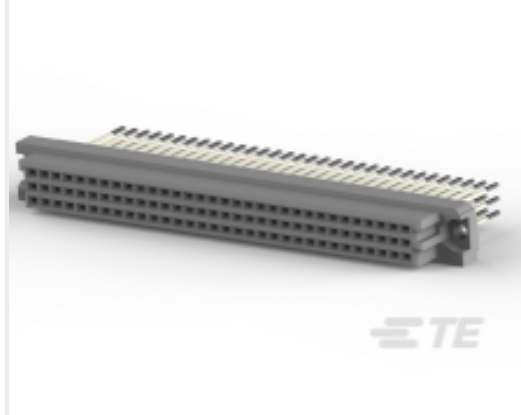
TE Part # 215605-1
96P.IEC-C MALE CONN



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



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



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



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



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



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



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

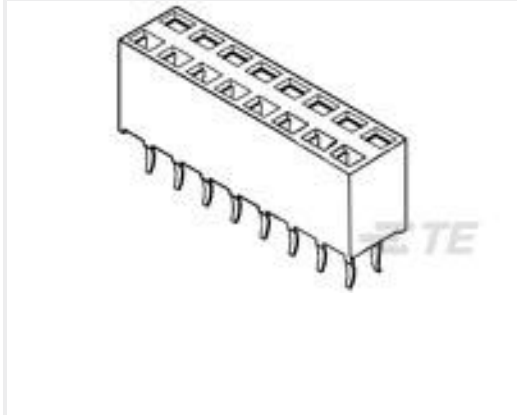
Customers Also Bought



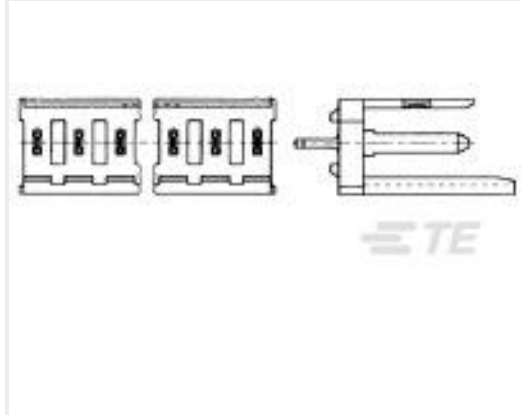
TE Part #234207-E
SMCQ 26 M AB VV 8-23 CL * H007 137 E005



TE Part #294287-E
DRCB 0,80 40 M SMD * 137 E009 196 GURT *



TE Part #1-215309-0
2X10P HV100 REC CON. TE, 8.5MM



TE Part #280614-2
12P MOD 1 SHROUDED HEADER, ST, 0.4 Au



TE Part #350834-1
06P UMNL HDR ASSY PC 94VO

TE Part #4-794679-4
14P MICRO MNL ASSY,R/A,THRU,LF

TE Part #829538-5
2X5P MOD II SHROUDED HEADER, ST

TE Part #3-1623789-5
SQM7 62R 5% (WIRE)

TE Part #1-2301994-4
RJ45 JACK INT.MAG. 1GB LED 1X1 INV.

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

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
UL

English