5148292-5 ✔ ACTIVE

EUROCARD | Eurocard Type R

TE Internal #: 5148292-5

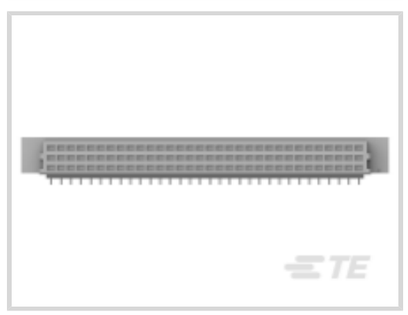
Receptacle, Board-to-Board, 96 Position, 2.54 mm [.1 in] Centerline, Printed Circuit Board, 3 Row, Right Angle, Eurocard Type R, Eurocard Connectors

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors







Connector & Housing Type: **Receptacle**

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

Termination Post & Tail Length: **2.92 mm [.115 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	Right Angle
Number of Columns	32
Rows Loaded	A, B, C
Number of Signal Positions	64

Body Features

Primary Product Color	Gray

Contact Features

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

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	2.92 mm[.115 in]

Mechanical Attachment

Connector Mounting Type	Board Mount
Mating Retention	Without
PCB Mount Retention Type	Action/Compliant Tail
Mating Alignment	Without
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	10.49 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

Product Compliance

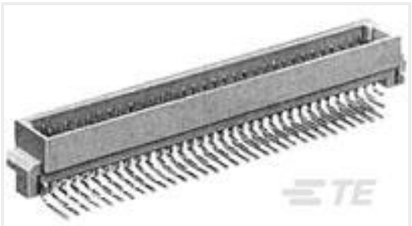
For compliance documentation, visit the product page on TE.com>

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	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

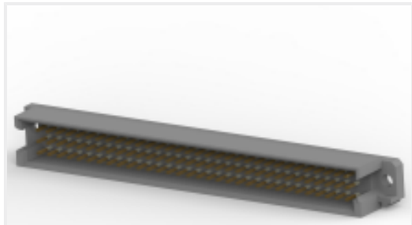
Compatible Parts



TE Part # 1-536366-8
096 EURO TYPE C PIN MFBL ASSY



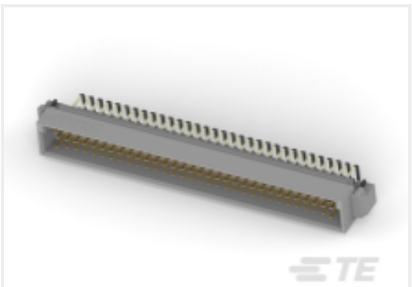
TE Part # 5536146-5
ASSY,PIN,ENH.TYPE C,EUROCARD,L-FREE,5 RO



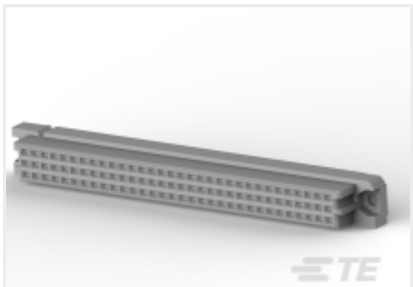
TE Part # 5650470-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-



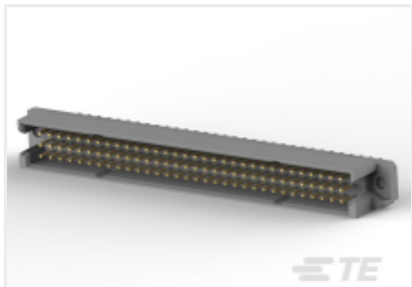
TE Part # 535089-5
096 EURO TYPE C RECEPT ST ASSY



TE Part # 536366-5
096 EURO TYPE C PIN MFBL ASSY



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



TE Part # 5536019-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-FREE,96 PO



TE Part # 5536366-5
ASSY,PIN,EURO,TYPE C,LEAD-FREE, 96 POS.,.



TE Part # 5650963-5
ASSY,RECEPTACLE,EUROCARD,TYPE



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



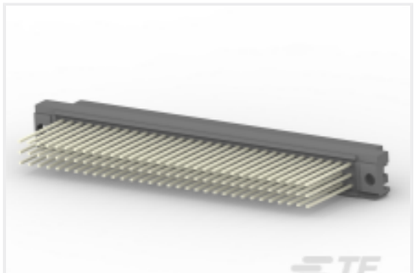
TE Part # 5536418-5
ASSY,RECEPT,EURO,TYPE C,LEAD-F



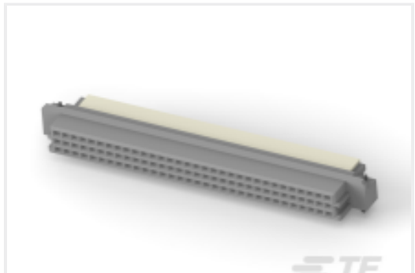
TE Part # 5148116-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,96 PO



TE Part # 2-1393640-4
V42254B2102C960=PC612 FEDERLEI



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



TE Part # 650895-5
096 EURO TYPE R RECEPT BL ASSY



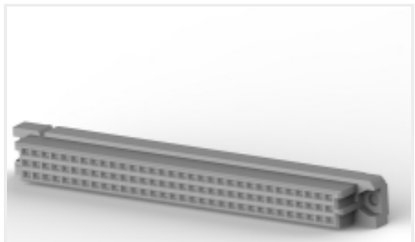
TE Part # 650462-5
096 EURO TYPE R RECEPT ASSY



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



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

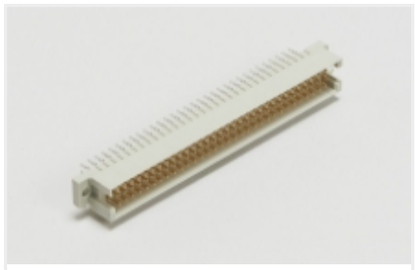


TE Part # 5535056-5
ASSY,RECPT,EUROCARD,TYPE C,L-FREE,96,.19

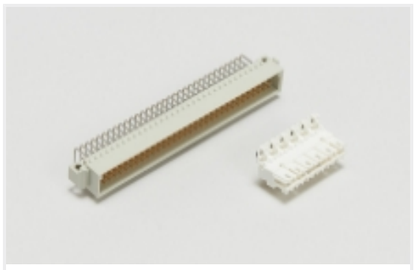


TE Part # 1-536366-7
096 EURO TYPE C PIN MFBL ASSY

Also in the Series | Eurocard Type R



Eurocard Connectors(78)



Standard Edge Connectors(1)

Customers Also Bought



TE Part #T4131512051-000
M12,REAR MOUNT,FEMALE,D,5P, SOLDER WIRE



TE Part #L000836-04
FPC ANT, VDP, 200mm, MHF1, 617-5000MHz



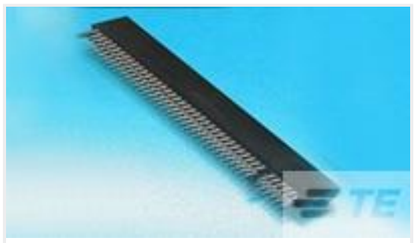
TE Part #823789-SF
RT8131-63-2M8



TE Part #5-103911-2
20 SYSTEM 50 RCPT ASSY DRRA



TE Part #6-1879234-7
SMF5 300K 5%



TE Part #5530843-2
CONN SEC II 15 POS 100C/L



TE Part #5555153-1
MJ,LPF,R/A,8P,PCBG,PSTP.15TTR



TE Part #5745886-1
25 RCPT SP/MS CNUT



TE Part #5745959-1
25 PLUG SP/MS CNUT



TE Part #5747190-1
09 RCPT SP/MS CNUT

Documents

Product Drawings

ASSY,RECEPTACLE,EUROCARD,TYPE

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5148292-5_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_5148292-5_O.3d_igs.zip

English

Customer View Model

ENG_CVM_5148292-5_O.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English