5650895-4 ✔ ACTIVE

EUROCARD | Eurocard Type R

TE Internal #: 5650895-4

Receptacle, Board-to-Board, 96 Position, 2.54 mm [.1 in] Centerline, Printed Circuit Board, 3 Row, Right Angle, Eurocard Type R, 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: **2.79 mm [.11 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
Number of Signal Positions	96
Rows Loaded	A, B, C

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Gray

Contact Features

Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.79 mm[.11 in]

Mechanical Attachment

Connector Mounting Type	Board Mount
Panel Mount Feature	Without
PCB Mount Retention	With
Mating Retention	Without
PCB Mount Retention Type	Boardlock
Mating Alignment	Without
PCB Mount Alignment	Without

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[.413 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box

Product Compliance

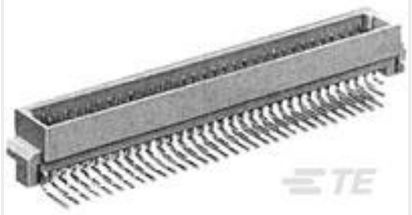
For compliance documentation, visit the product page on TE.com>

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

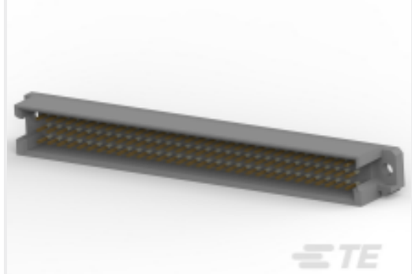
Compatible Parts



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



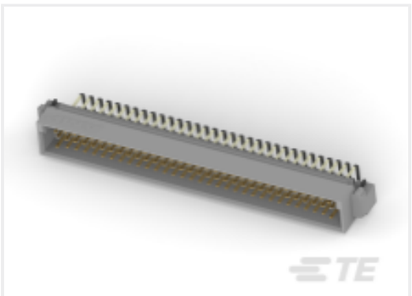
TE Part # 5536146-5
ASSY,PIN,ENH.TYPE C,EUROCARD,L-FREE,5 RO



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



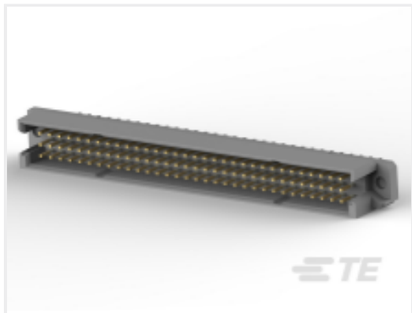
TE Part # 535089-5
096 EURO TYPE C RECEPT ST ASSY



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



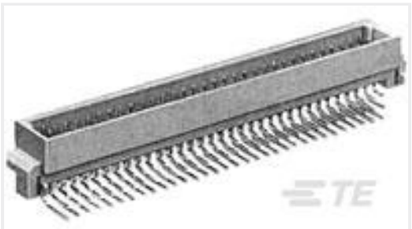
TE Part # 5535032-4
ASSY,RECEPTACLE,EUROCARD,TYPE



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



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



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 # 535032-4
096 EURO TYPE C RECEPT AP ASSY



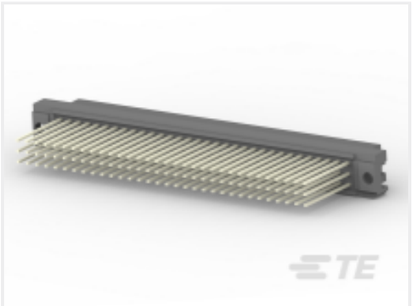
TE Part # 535059-4
064 EURO TYPE C RECEPT AP ASSY



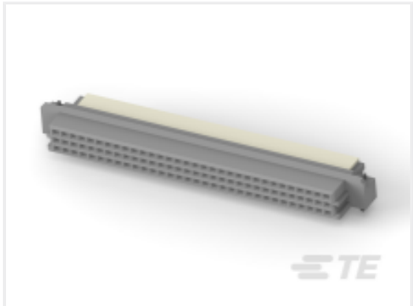
TE Part # 5148116-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,96 PO



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

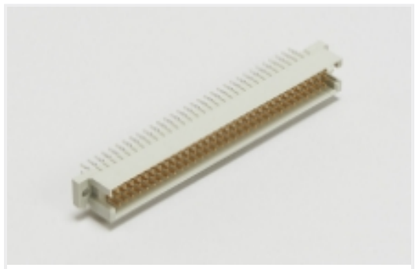


TE Part # 650462-5
096 EURO TYPE R RECEPT ASSY

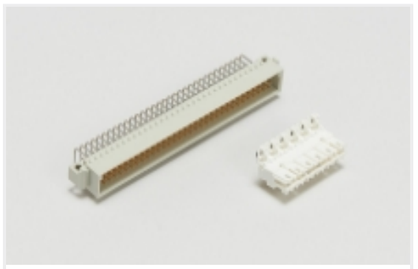


TE Part # 1-536437-1
096 EURO TYPE C PIN MFBL ASSY

Also in the Series | Eurocard Type R



Eurocard Connectors(78)



Standard Edge Connectors(1)

Customers Also Bought



TE Part #T1952160121-009
H16BPR-SGRHC-PG21-EMC-C



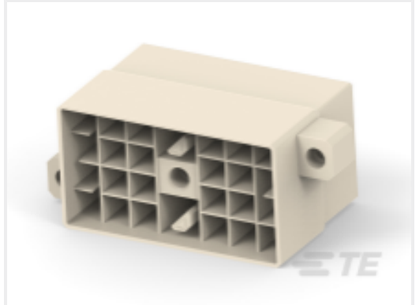
TE Part #T2030012008-000
DEF-0.75



TE Part #T2040164201-000
HE-016-FC



TE Part #T2030011008-000
DEM-0.75



TE Part #284873-1
24 POS CAP HOUSING ASS'Y



TE Part #1-338168-2
9POL HDP20 PLUG



TE Part #6-1415537-5
SR6A6K24



TE Part #7-1106302-9
SCHELLENSET 10MM



TE Part #5-1102616-5
HIPK.16/40.SG.1.21G



TE Part #1106437-1
HA.16.KDO-LB.1.M20G

Documents

Product Drawings

ASSY,RECEPT,EUROCARD,TYPE R,LE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5650895-4_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5650895-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5650895-4_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English