536019-5 ✔ ACTIVE

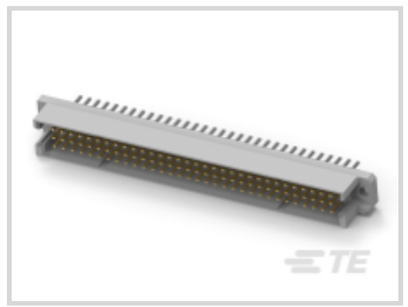
EUROCARD | Eurocard Type R

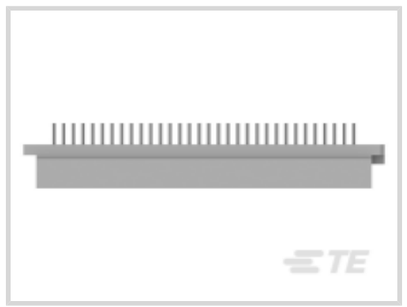
TE Internal #: 536019-5

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

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors







Connector & Housing Type: **Plug**

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

Termination Post & Tail Length: **5.59 mm [.22 in]**

Number of Positions: **96**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Connector & Housing Type	Plug
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
Number of Signal Positions	96
Rows Loaded	A, B, C

Body Features

Primary Product Color	Gray

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 µm[99.9998 – 199.9996 µin]
Contact Type	Pin
Contact Mating Area Plating Material Thickness	.076 – .127 µm[2.99212 – 4.99999 µin]
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Termination Post & Tail Length	5.59 mm[.22 in]

Mechanical Attachment

Mating Retention	With
Mating Alignment	Without
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Action/Compliant Tail
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Connector Height	11.51 mm[.452 in]
PCB Thickness (Recommended)	2.36 mm[.093 in]
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

Packaging Features

Packaging Method	Package

Product Compliance

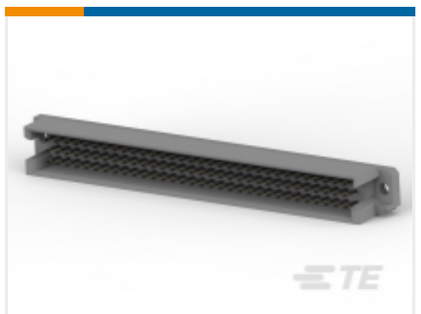
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (13% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

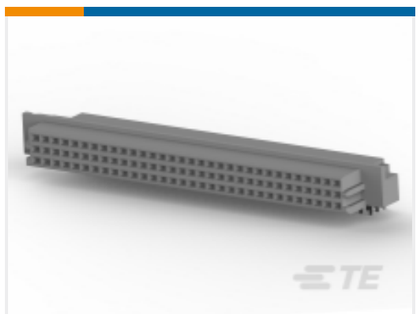
Product Compliance Disclaimer

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 # 5650908-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-



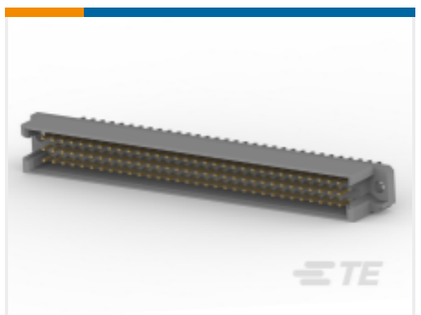
TE Part # 5650461-4
ASSY,RECEPTACLE,EUROCARD,TYPE



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



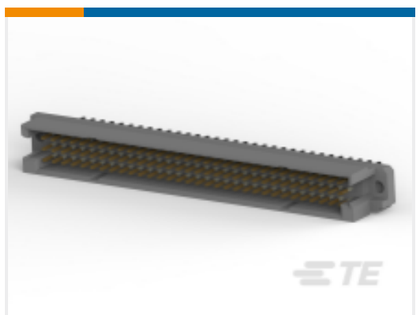
TE Part # 535032-4
096 EURO TYPE C RECEPT AP ASSY



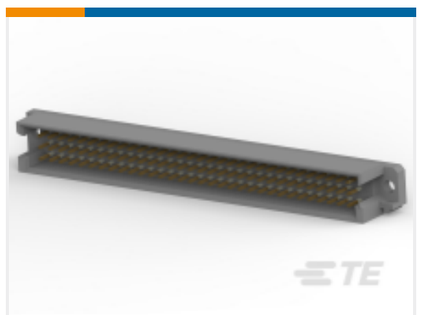
TE Part # 5650889-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-



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



TE Part # 650889-5
096 EURO TYPE R PIN AP ASSY

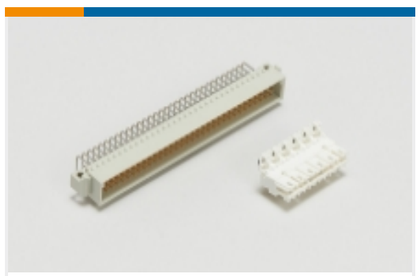


TE Part # 5650470-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-

Also in the Series | Eurocard Type R



Eurocard Connectors(79)



Standard Edge Connectors(1)

Customers Also Bought



TE Part #5787683-1
15 RCPT SP/FMS SCRLK



TE Part #1-1462037-4
IM03GR=IM RELAY 140mW 5V



TE Part #6-1879011-3
SMF2 82K 5%



TE Part #3-1879073-6
THS10 220R 5%

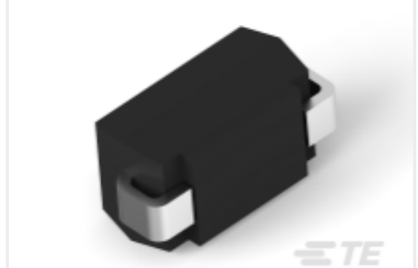
TE Part #2-166010-1
48P.IEC-F FEM.CONN.



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



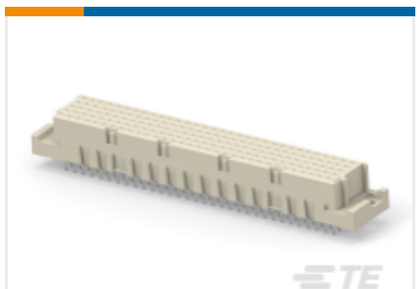
TE Part #38941-22L
CONTACTS



TE Part #2176322-5
SMV 1W 220K 5%



TE Part #C67976-000
B-155-9001



TE Part #284314-E
STVE 160 F ABCDE VVVVV 7-00 TL 4,0 * 247

Documents

Product Drawings

096 EURO TYP R PIN AP MFBL ASY

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_536019-5_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_536019-5_H.3d_igs.zip

English

Customer View Model

ENG_CVM_536019-5_H.3d_stp.zip

English

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Product Specifications

Application Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

RH73H2A40MKTN 141991-2 1969656-1 2380312-2 3-1393225-0 3631B101LL ROX05SJ18R SBCHE154R7K 1393431-1 2-292161-3 2005330-1 2310537-1 917696-1 936348-1 1743455-2 2834055-1 3430B2F51RTDF TE50BR39J 1-962915-1 SMW73R0JT 1-794222-0 175977-2 2377783-2 CPF0402B37K4E1 CRGCQ2010J3K3 1903112-2 650075-000 MPT100C18RF SBCHE64R7K U5254-000005-030PA