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Find the *Tyco Electronics / AMP 650470-5* at our website: ***Click HERE***

650470-5 ✔ ACTIVE

EUROCARD | Eurocard Type R

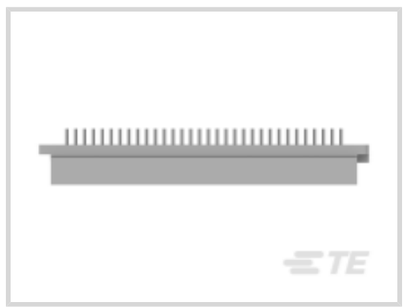
TE Internal #: 650470-5

Eurocard Type R, Eurocard Connectors, Plug, Board-to-Board, Termination Post & Tail Length 4.57 mm [.18 in], 96 Position, 2.54 mm [.1in] Centerline

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors







Connector & Housing Type: **Plug**

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

Termination Post & Tail Length: **4.57 mm [.18 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
Sealable	No
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	Vertical
Number of Columns	32
Number of Power or Coaxial Positions	96
Rows Loaded	A, B, C
Number of Signal Positions	96

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Contact Cross Section	.64 x .64 mm[.025 x .025 in]
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 µm[100 – 200 µin]
Contact Type	Pin
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Brass
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	4.57 mm[.18 in]

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

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	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box

Product Compliance

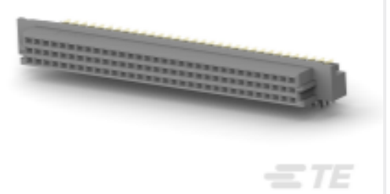
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205) Pb (13% in Component Part)
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 240°C

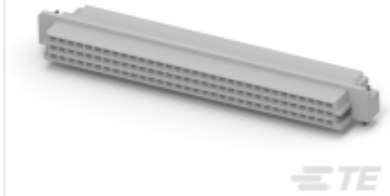
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

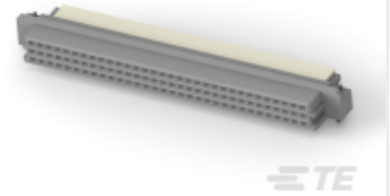
Compatible Parts



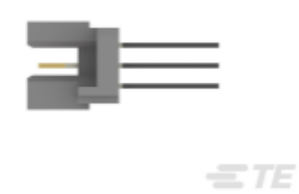
TE Model / Part # 5650462-5
ASSY,RECEPTACLE,EUROCARD,TYPE



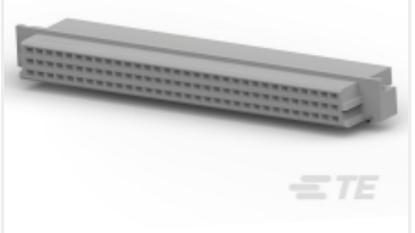
TE Model / Part # 650895-4
096 EURO TYPE R RECEPT BL ASSY



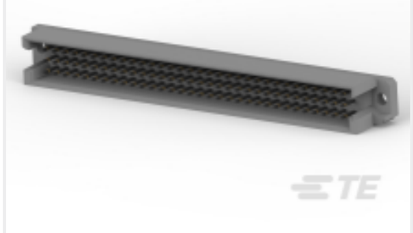
TE Model / Part # 650895-5
096 EURO TYPE R RECEPT BL ASSY



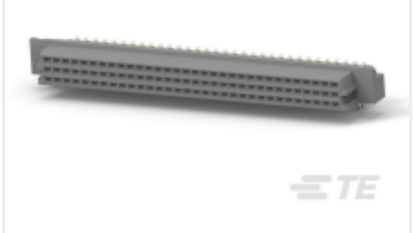
TE Model / Part # 1-536067-4
096 EURO TYPE R PIN AP ASSY



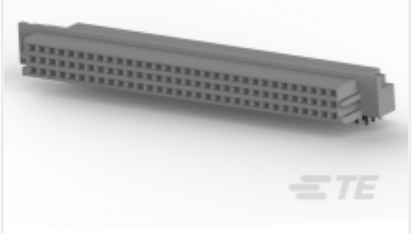
TE Model / Part # 5148292-5
ASSY,RECEPTACLE,EUROCARD,TYPE



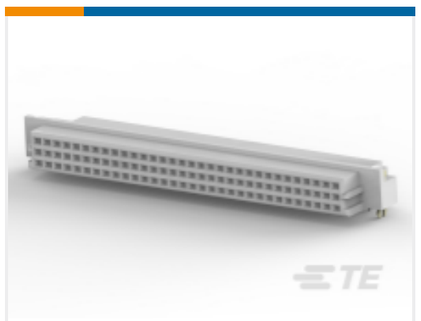
TE Model / Part # 5650908-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-



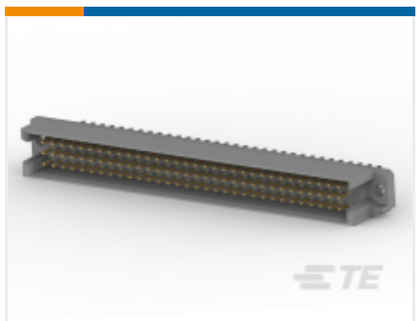
TE Model / Part # 5650462-4
ASSY,RECEPTACLE,EUROCARD,TYPE



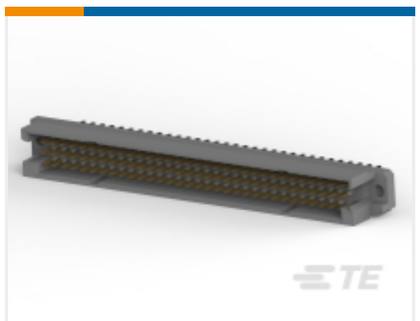
TE Model / Part # 5650461-4
ASSY,RECEPTACLE,EUROCARD,TYPE



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



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



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



TE Model / Part # 650462-4
096 EURO TYPE R RECEPT ASSY



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



TE Model / Part # 5650461-5
ASSY,RECEPTACLE,EUROCARD,TYPE



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

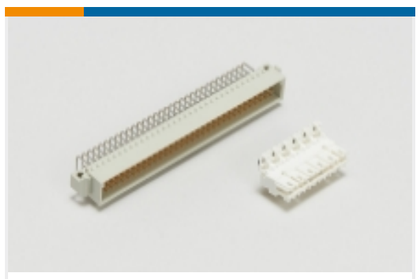


TE Model / Part # 166873-2
96P.MT.CONN.KIT ASS

Also in the Series | Eurocard Type R

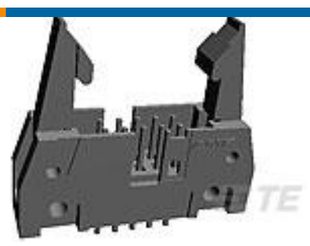


Eurocard Connectors(92)



Standard Edge Connectors(1)

Customers Also Bought



TE Model / Part #1-5102321-2
A/L UNIV HDR 64P VERT LG LAT



TE Model / Part #6469169-1
HMZD 2PR RA HDR 40P



TE Model / Part #535043-4
096 EURO TYPE C RECEPT ST ASSY



TE Model / Part #533236-4
096 EURO SHROUD



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



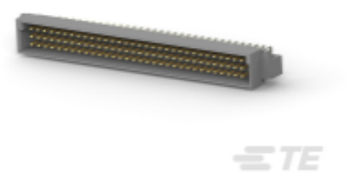
TE Model / Part #535043-5
096 EURO TYPE C RECEPT ST ASSY



TE Model / Part #1469081-1
HMZD 3PR, RECEPTACLE ASSEMBLY



TE Model / Part #650947-5
096 EURO TYPE C PIN ST ASSY



TE Model / Part #650473-5
096 EURO TYPE C PIN ST ASSY



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

Documents

Product Drawings

096 EURO TYPE R PIN ST ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_650470-5_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_650470-5_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_650470-5_M.3d_stp.zip

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

English

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