ASSY,PIN,EUROCARD,TYPE R,LEAD-FREE, A&C,6

✔ ACTIVE

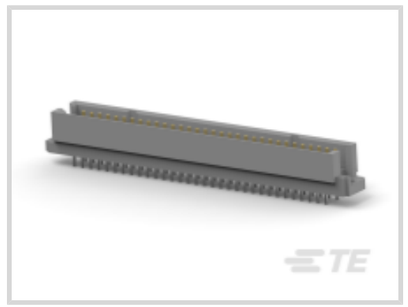
EUROCARD | Eurocard Type R

TE Part # 5650912-5

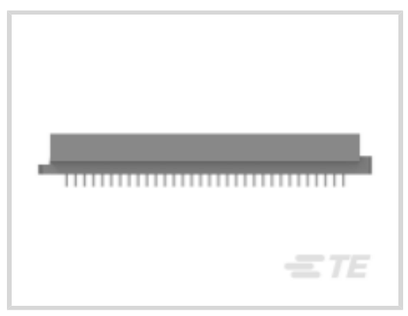
TE Internal #: 5650912-5

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors







Connector Style: **Plug**

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

Number of Positions: **64**

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

Termination Post Length: **6.35 mm [.25 in]**

Features

Product Type Features

Post Type	Through Hole - Press-Fit
Guides	Without
Connector Type	Connector Assembly
Connector Style	Plug
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Row-to-Row Spacing	2.54 mm[.1 in]
Size	Half
DIN Level	II

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	64
Number of Rows	3

Number of Columns	32
Rows Loaded	A, C
Number of Signal Positions	64
Board-to-Board Configuration	Vertical

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Color	Gray

Contact Features

Contact Mating Area Plating Thickness	.76 µm[30 µin]
Contact Termination Area Plating Material	Tin
Contact Termination Area Plating Thickness	2.54 – 5.08 µm[100 – 200 µin]
Contact Type	Pin
Contact Mating Area Plating Material	Gold
Contact Cross Section	.64 x .64 mm[.025 x .025 in]
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	3 A

Termination Features

Interface Type	Eurocard/DIN 41612
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post Length	6.35 mm[.25 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

Tail Length	6.35 mm[.25 in]
Height	11.4 mm[.45 in]
PCB Thickness (Recommended)	1.57 mm[.062 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>

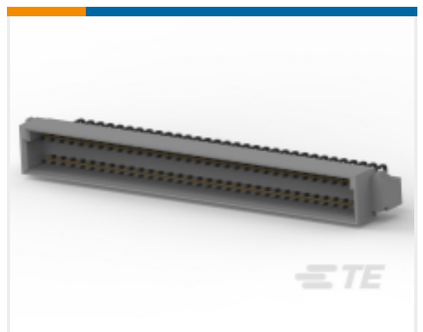
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JAN 2018 (181)
Halogen 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 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



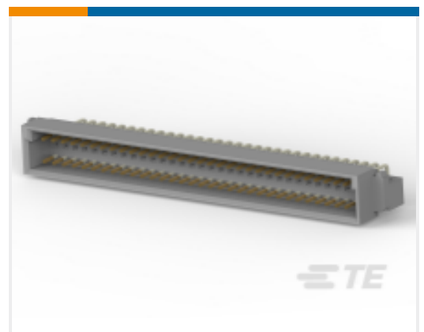
TE Part # 5650945-5
ASSY,PIN,EUROCARD, TYPE C,LEAD-



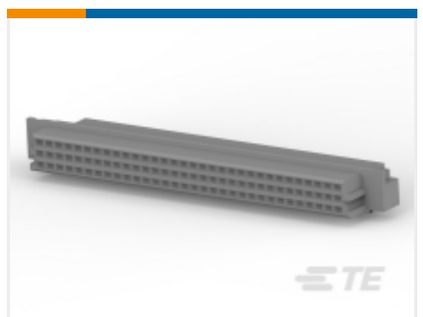
TE Part # 9-1393644-4
V42254B1200C963=PC612 MESSERLE



TE Part # 5650897-4
ASSY,RECEPT,EURO,TYPE R,L-FREE,A&C,64/96



TE Part # 650945-5
064 EURO TYPE C PIN ST ASSY



TE Part # 5650870-5
ASSEMBLY,RECEPTACLE, EURO,TYPE



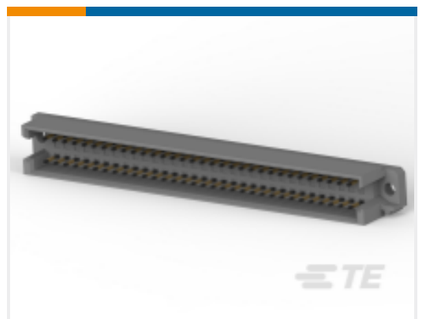
TE Part # 166811-2
RV100 FEM CON 2X32P



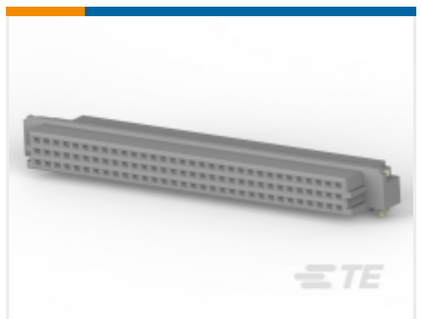
TE Part # 5650870-4
ASSEMBLY,RECEPTACLE, EURO,TYPE



TE Part # 5148296-2
ASSY,RECEPT,EUROCARD, TYPE R,L-FREE,A&B,6



TE Part # 5650933-5
ASSY,PIN,EUROCARD, TYPE R,LEAD-

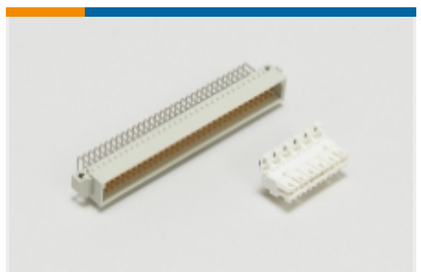


TE Part # 5650897-5
ASSY,RECEPT,EURO,TYPE R,L-FREE,A&C,64/96

Also in the Series | Eurocard Type R



Eurocard Connectors(92)

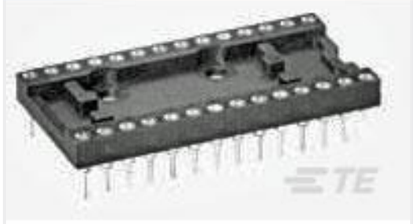


Standard Edge Connectors (1)

Customers Also Bought



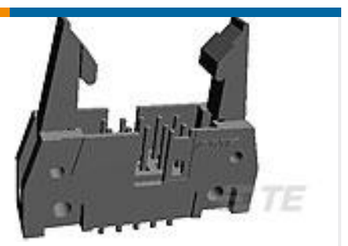
TE Part #4-1393144-7
K10P-11A55-24=K10/K20



TE Part #1571550-6
520-AG12D-LF=500 DIP, PCB,SN/SN



TE Part #745085-2
25 APFL RCPT RA 478



TE Part #499923-6
026 UNIV HDR SP 4S 15DP STD L1



TE Part #6-338171-2
37P. HDP20 PLUG ASS



TE Part #641126-7
07P MTA100 HDR ASY FL /STR 15AU



TE Part #5-1437580-5
MSSA2350R=SLIDE 2 POLE/ 3 POS



TE Part #6036024001
RNF-100-3/4-2-FSP

Documents

Product Drawings

ASSY,PIN,EUROCARD,TYPE R,LEAD-FREE,A&C,6

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5650912-5_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5650912-5_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5650912-5_O.3d_stp.zip

English

Product Specifications

Application Specification

English