650959-5 ✔ ACTIVE

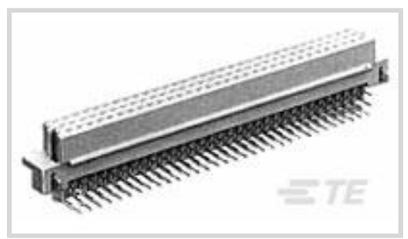
EUROCARD | Eurocard Type R

TE Internal #: 650959-5

Receptacle, Board-to-Board, 150 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: **2.79 mm [.11 in]**

Number of Positions: **150**

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	Half
DIN Level	II

Configuration Features

Number of Power or Coaxial Positions	2
Number of Positions	150
Number of Rows	3
PCB Mount Orientation	Right Angle
Number of Columns	50
Rows Loaded	A, B, C
Number of Signal Positions	150

Body Features

Primary Product Color	Gray

Contact Features

	30 µin
Contact Mating Area Plating Material	Gold (Au)

Contact Base Material	Phosphor Bronze
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
Mating Retention	Without
PCB Mount Retention Type	Boardlock
Mating Alignment	Without
PCB Mount Alignment	With
PCB Mount Retention	With

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	17.58 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	Power & Signal

Packaging Features

Packaging Method	Box

Product Compliance

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

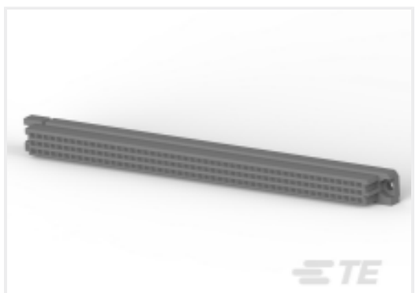
EU RoHS Directive 2011/65/EU	Not Compliant

EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (13% in 4690948374) **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	Wave solder capable to 240°C

Product Compliance Disclaimer

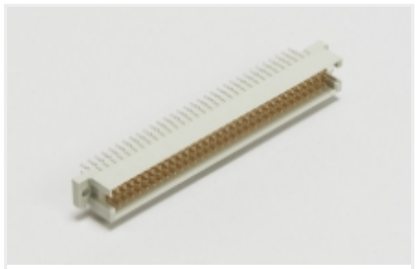
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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

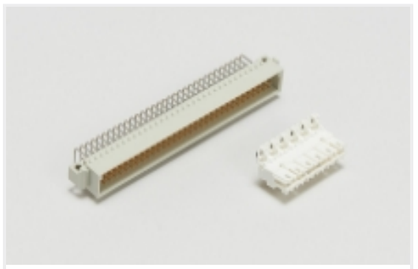


TE Part # 5650405-5
ASSEMBLY,RECEPTACLE,EUROCARD, T

Also in the Series | Eurocard Type R



Eurocard Connectors(78)

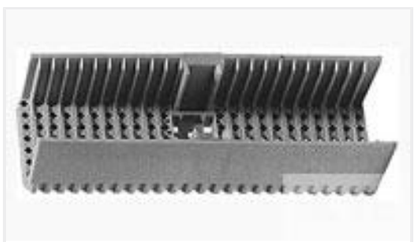


Standard Edge Connectors(1)

Customers Also Bought



TE Part #148296-2
064 EURO TYP R RECEPT EON ASSY



TE Part #646483-1
2MM H.M.,A/B 19 SHROUD 3MM



TE Part #2170551-1
1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ SQR



TE Part #2170551-2
1X6 CAGE ASSEMBLY, BEHIND BEZEL, W/ SQR



TE Part #2007417-7
SFP+assy 2x2 gasket Outer Lp Sn



TE Part #5748440-2
15 RCPT ACT PIN/MS(GRD SHLD)



TE Part #5767121-3
MICT,PLG,114,ASY,.025,TAPE CAP



TE Part #6-103167-7
40 MODII HDR DRRA SHRD LF



TE Part #766659-1
WAVE CRIMP CABLE AND ADDED ASSY



TE Part #5765271-1
WAVE CRIMP ACTION PIN HEADER ASSY

Documents

Product Drawings

150 EURO TYPE R RECEPT BL ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_650959-5_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_650959-5_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_650959-5_S.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Application Specification

English