

1-536067-4 ✓ ACTIVE

EUROCARD | Eurocard Type R

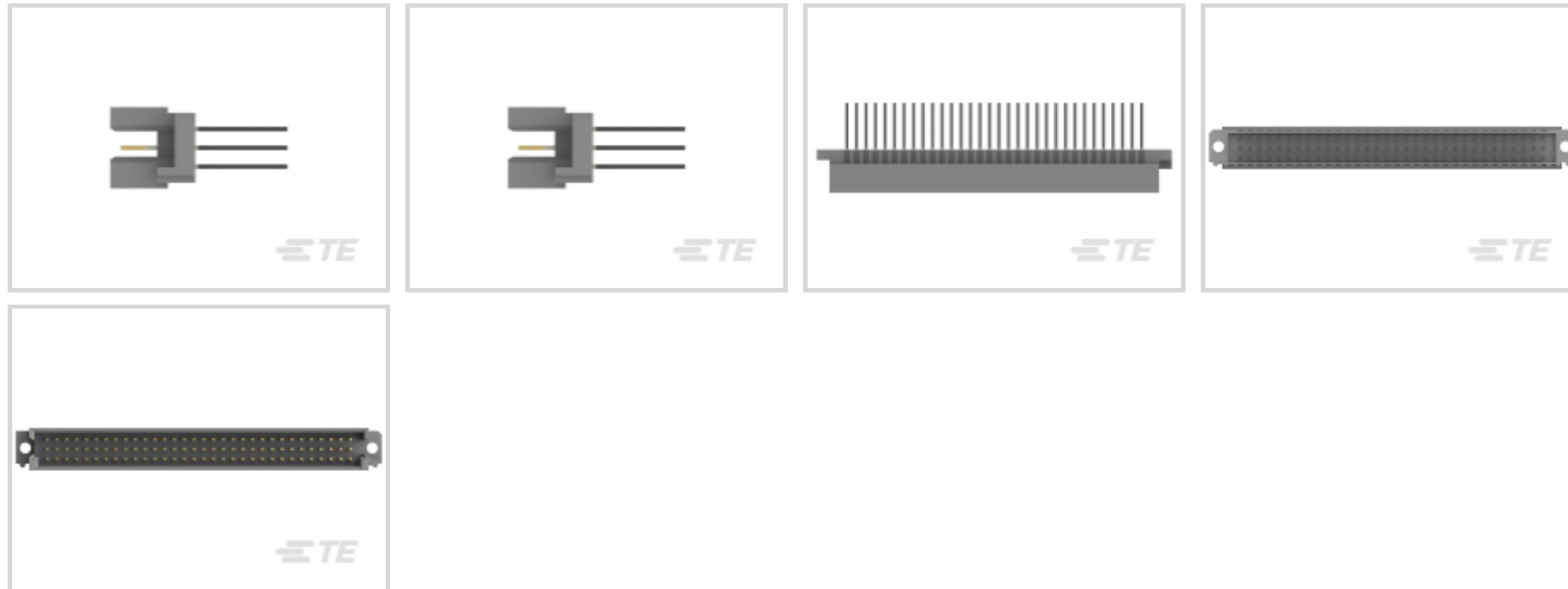
TE Internal #: 1-536067-4

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

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Plug**

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

Termination Post & Tail Length: **12.47 mm [.491 in]**

Number of Positions: **96**

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

Features

Product Type Features

Make First / Break Last Contacts Loaded	Rows A,B,C- 1-32
Connector & Housing Type	Plug
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
DIN Size	Half
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
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Contact Features

Contact Cross Section	.5 x 1.34 mm [.02 x .053 in]
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	12.47 mm [.491 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
Housing Color	Gray
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 $^{\circ}\text{C}$ [-67 – 221 $^{\circ}\text{F}$]
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Operation/Application

Shielded	No
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Circuit Application	Signal
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Packaging Features

Packaging Method	Box
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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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 # 5650461-5
ASSY,RECEPTACLE,EUROCARD,TYPE



TE Part # 5535043-5
ASSY,RECEPTACLE,EUROCARD,TYPE



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



TE Part # 5536412-4
ASSY,RECEPT,EURO,TYPE C,LEAD-FREE,96,.18



TE Part # 5650473-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-



TE Part # 5535090-4
ASSEMBLY,RECEPTACLE,EUROCARD, T



TE Part # 650461-4
096 EURO TYPE R RECEPT ASSY



TE Part # 215605-4
96P.IEC-C MALE CONN



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



TE Part # 5650963-4
ASSY,RECEPTACLE,EUROCARD,TYPE



TE Part # 5536405-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-



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



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



TE Part # 5650947-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-



TE Part # 5535032-5
ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE

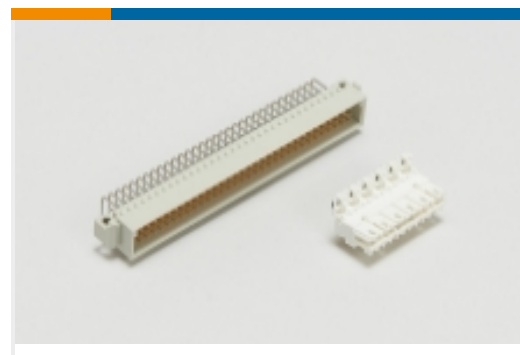


TE Part # 5650470-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-C,LEAD-FRE

Also in the Series | Eurocard Type R



Eurocard Connectors(92)

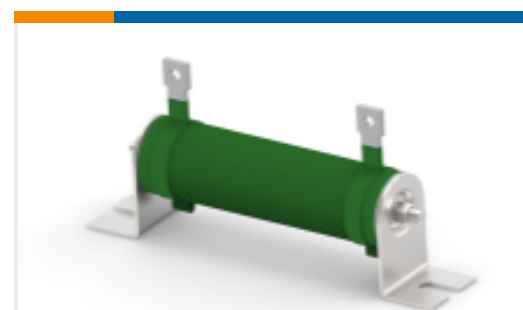


Standard Edge Connectors(1)

Customers Also Bought



TE Part #1625999-9
HSC100 18R 5%



TE Part #3-1879447-8
Wirewound Resistor: Mineral, 2.5 Kw



TE Part #1-1630001-2
NHSC100 10R 5%



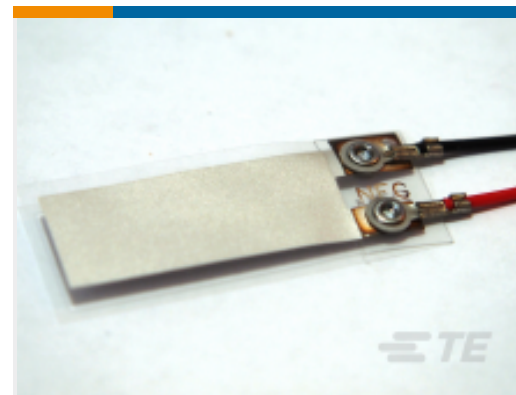
TE Part #1-641966-1
03P UMNL PIN HDR ASSY BLK



TE Part #YDTS24W17-35PAV001
RECP ASSY



TE Part #YDTS24W23-55PBV001
RECP ASSY



TE Part #11026478-00
LDT1-028K W/TH N/H W/SOLD

Documents

Product Drawings

096 EURO TYPE R PIN AP ASSY

English

CAD Files

Customer View Model

[ENG_CVM_1-536067-4_H.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_1-536067-4_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-536067-4_H.3d_stp.zip](#)

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Product Environmental Compliance

[MD_1-536067-4_06182018248_dmtec](#)

English

[MD_1-536067-4_06182018248_dmtec](#)

English

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