

148296-2 ✓ ACTIVE

EUROCARD | Eurocard Type R

TE Internal #: 148296-2

Receptacle, Board-to-Board, 64 Position, 2.54 mm [.1 in] Centerline,
Printed Circuit Board, 3 Row, Right Angle, Eurocard Type R,
Eurocard Connectors

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**

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

Termination Post & Tail Length: **2.92 mm [.115 in]**

Number of Positions: **64**

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	Standard
DIN Level	II

Configuration Features

Number of Positions	64
Number of Rows	3
PCB Mount Orientation	Right Angle
Number of Columns	16
Number of Signal Positions	64
Rows Loaded	A, B

Body Features

Primary Product Color	Gray
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Contact Features

Contact Type	Socket
Contact Mating Area Plating Material	Tin-Lead
PCB Contact Termination Area Plating Material	Tin-Lead



Contact Base Material	Phosphor Bronze
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Contact Current Rating (Max)	3 A
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Termination Features

Termination Method to PCB	Through Hole - Press-Fit
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Termination Post & Tail Length	2.92 mm[.115 in]
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Mechanical Attachment

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

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

Connector Height	18.54 mm
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PCB Thickness (Recommended)	1.57 mm[.062 in]
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Row-to-Row Spacing	2.54 mm[.1 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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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	Not Compliant
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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	<p>Current ECHA Candidate List: JUNE 2024 (241)</p> <p>Candidate List Declared Against: JUNE 2024 (241)</p> <p>SVHC > Threshold:</p> <p>Pb (13% in Component Part)</p> <p>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.</p>
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

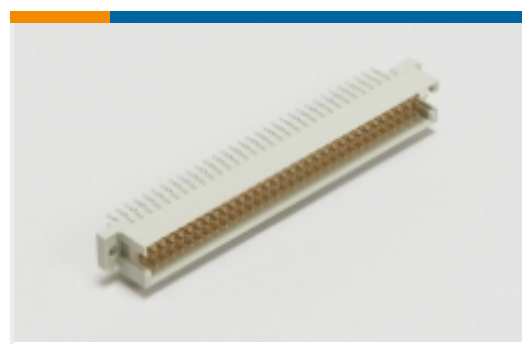
Product Compliance Disclaimer

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>

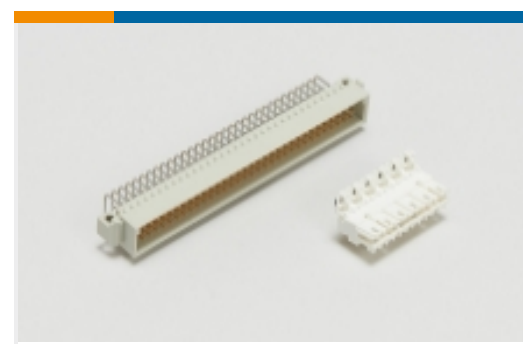
Compatible Parts



Also in the Series | Eurocard Type R



Eurocard Connectors(79)



Standard Edge Connectors(1)

Customers Also Bought

TE Part #2007417-7
SFP+assy 2x2 gasket Outer Lp SnTE Part #2170551-1
1X6 CAGE ASSEMBLY, BEHIND
BEZEL, W/ SQRTE Part #5765271-1
WAVE CRIMP ACTION PIN HEADER
ASSYTE Part #6-103167-7
40 MODII HDR DRRR SHRD LFTE Part #646483-1
2MM H.M.,A/B 19 SHROUD 3MMTE Part #6-146130-0
22 MODII HDR DRST SFMNT B/A LFTE Part #5767121-3
MICT,PLG,114,ASY,.025,TAPE CAPTE Part #766659-1
WAVE CRIMP CABLE AND ADDED
ASSY

Documents

Product Drawings

064 EURO TYP R RECEPT EON ASSY

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_148296-2_M.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_148296-2_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_148296-2_M.3d_stp.zip](#)

English

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[Product Specifications](#)

[Application Specification](#)

English