

5536019-5 ✓ ACTIVE

EUROCARD | Eurocard Type R

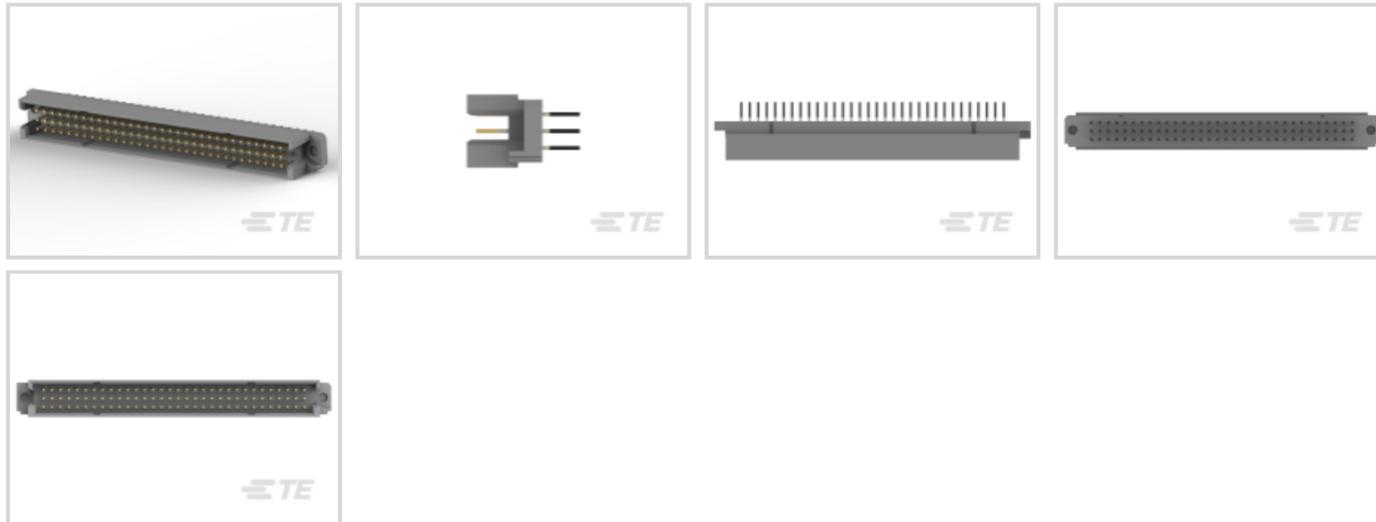
TE Internal #: 5536019-5

Plug, Board-to-Board, 96 Position, 2.54 mm [.1 in] Centerline,
Printed Circuit Board, 3 Row, Vertical, 32 Column, Eurocard Type R,
Eurocard Connectors

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Plug**

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

Termination Post & Tail Length: **5.59 mm [.22 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
Connector & Contact Terminates To	Printed Circuit Board
DIN Size	Standard
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
Rows Loaded	A, B, C
Number of Signal Positions	96

Contact Features



Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	5.59 mm[.22 in]

Mechanical Attachment

Connector Mounting Type	Board Mount
PCB Mount Retention Type	Action/Compliant Tail
Mating Alignment Type	Polarization
Mating Alignment	Without
PCB Mount Alignment	With
PCB Mount Retention	With

Housing Features

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

Dimensions

PCB Thickness (Recommended)	2.36 mm[.093 in]
Connector Height	10.49 mm
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

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

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box
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Product Compliance



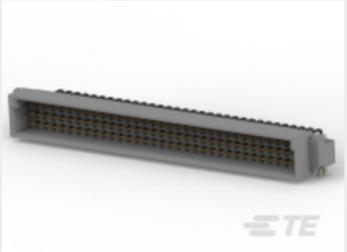
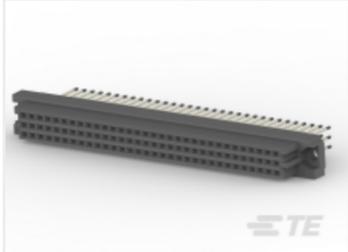
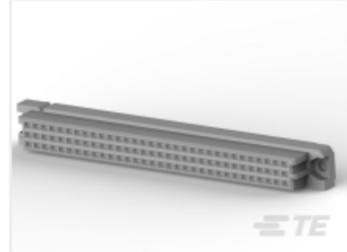
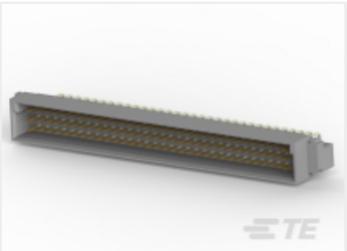
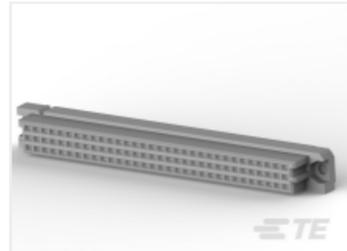
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	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 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

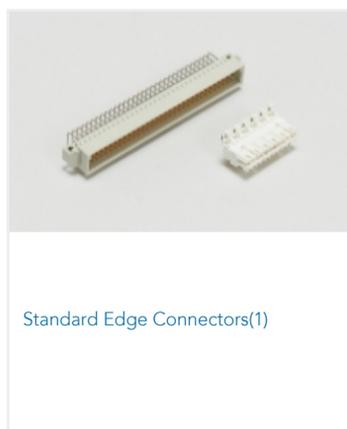
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

 <p>TE Part # 5650913-5 ASSY,PIN,EUROCARD,TYPE C,LEAD-</p>	 <p>TE Part # 5148057-5 ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE</p>	 <p>TE Part # 650947-5 096 EURO TYPE C PIN ST ASSY</p>	 <p>TE Part # 5535043-4 ASSY,RECEPTACLE,EUROCARD,TYPE</p>
 <p>TE Part # 5536437-4 ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,96 PO</p>	 <p>TE Part # 650913-5 096 EURO TYPE C PIN BL ASSY</p>	 <p>TE Part # 5148292-5 ASSY,RECEPTACLE,EUROCARD,TYPE</p>	 <p>TE Part # 5535090-5 ASSEMBLY,RECEPTACLE,EUROCARD, T</p>



Also in the Series | Eurocard Type R



Customers Also Bought





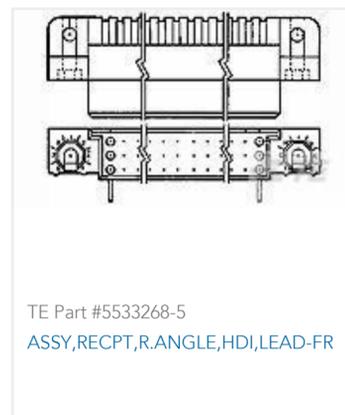
TE Part #2293156-2
ZSFP+ 1X6 CAGE ASSY, PRESS-FIT, HS



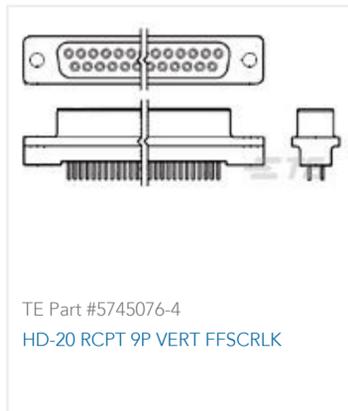
TE Part #5-2337939-4
PCIE GEN4 CON,SMT,164POS,30u",
MYLAR,HT



TE Part #2363704-2
MBXLE R/A HEADER 12S+2P



TE Part #5533268-5
ASSY,RECPT,R.ANGLE,HDI,LEAD-FR



TE Part #5745076-4
HD-20 RCPT 9P VERT FFSCRLK



TE Part #7-6609107-3
PS0S0SS3A=C1186

Documents

Product Drawings

[ASSY,PIN,EUROCARD,TYPE R,LEAD-FREE,96 PO](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5536019-5_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5536019-5_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5536019-5_O.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English