



Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



EU RoHS Compliance: **Compliant**
EU ELV Compliance: **Compliant**
Connector & Housing Type: **Receptacle**
Connector System: **Board-to-Board**
Termination Post & Tail Length: **2.79 mm [.11 in]**

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	96
Number of Rows	3
PCB Mount Orientation	Right Angle
Number of Columns	32
Number of Signal Positions	96



Rows Loaded

B, C, A

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Gray
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Contact Features

Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
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
PCB Mount Retention	With
Mating Retention	Without
PCB Mount Retention Type	Boardlock
Mating Alignment	Without
PCB Mount Alignment	Without

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	10.49 mm[.413 in]
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

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>

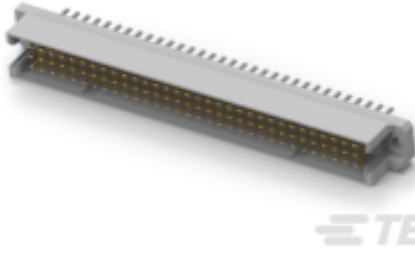
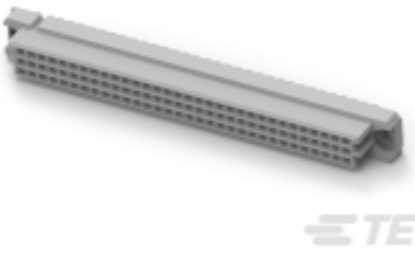
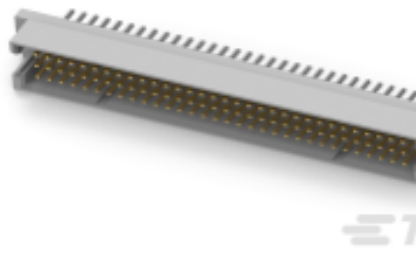
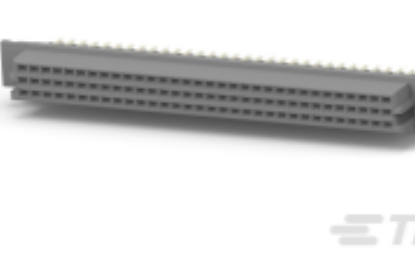
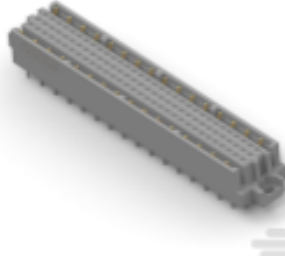
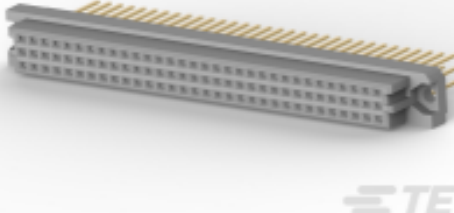
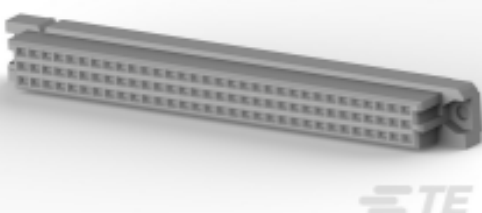
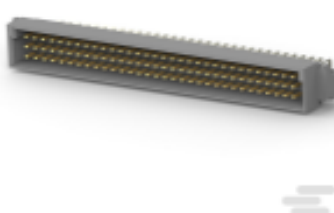
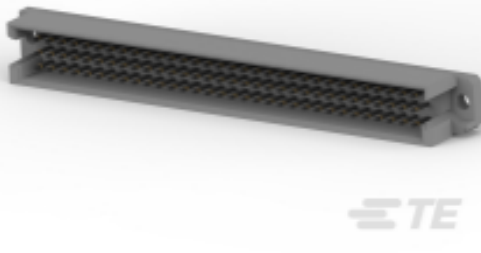
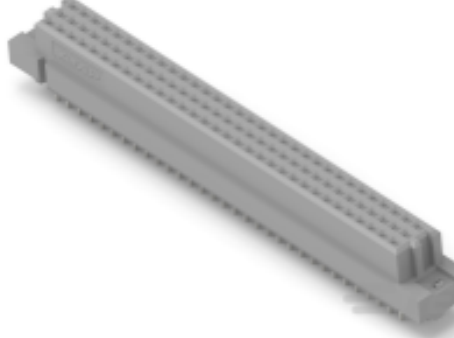
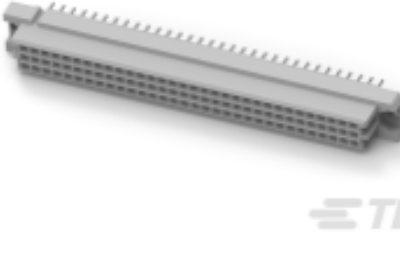
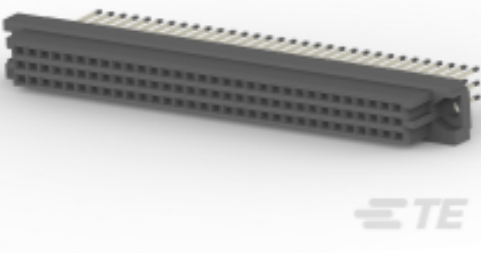
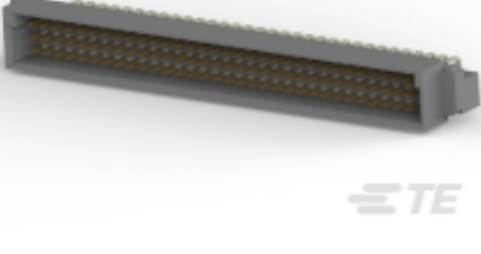
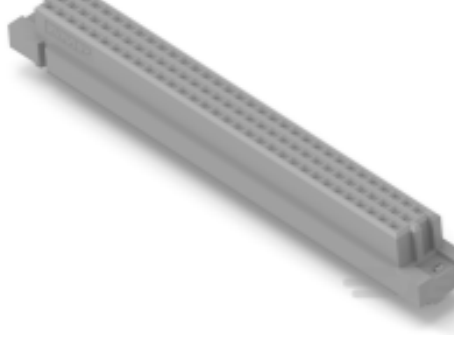
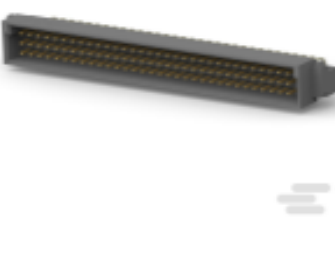
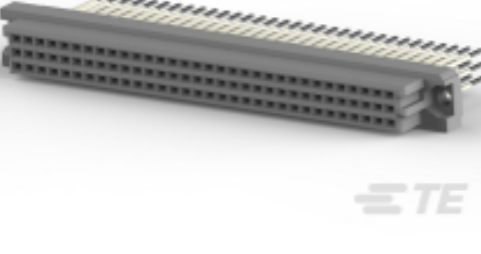
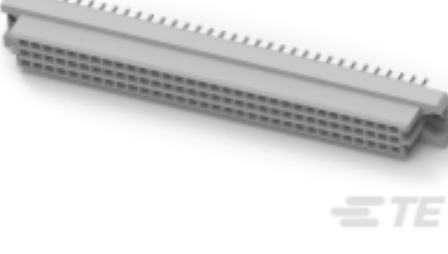
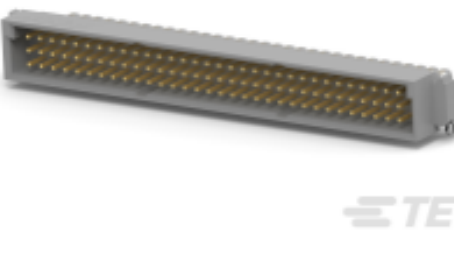
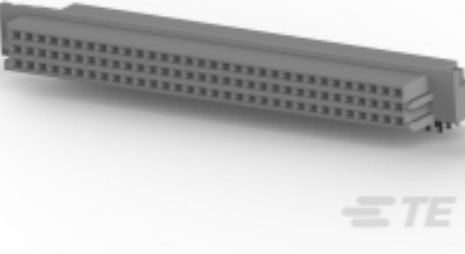
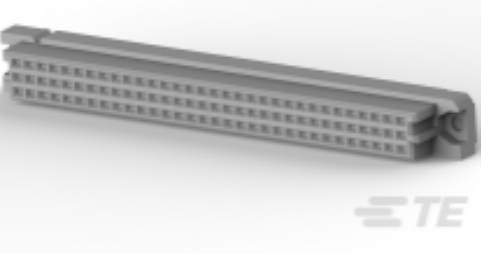
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

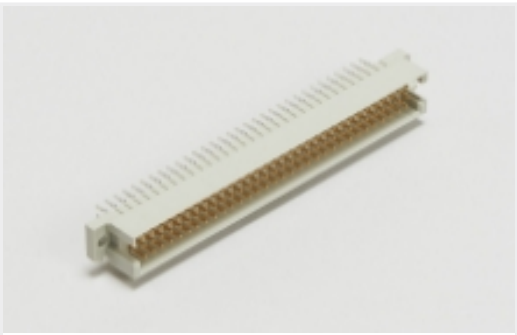
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

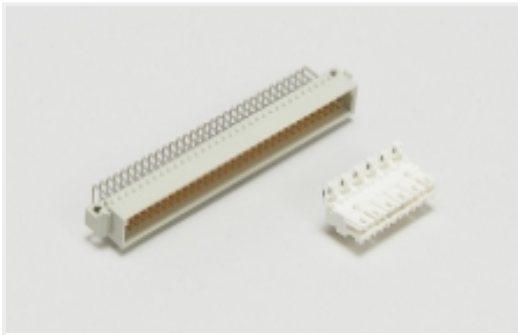


 TE Part # 650470-5 096 EURO TYPE R PIN ST ASSY	 TE Part # 535089-5 096 EURO TYPE C RECEPT ST ASSY	 TE Part # 536019-5 096 EURO TYP R PIN AP MFB L ASY	 TE Part # 5650462-4 ASSY,RECEPTACLE,EUROCARD,TYPE
 TE Part # 650992-5 096 ENHNCD EURO RECEPT AP ASSY	 TE Part # 1-148057-5 096 EURO TYP C RECP 13MM ASSY	 TE Part # 5535089-5 ASSEMBLY,RECEPTACLE,EUROCARD, T	 TE Part # 650473-5 096 EURO TYPE C PIN ST ASSY
 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 # 535059-4 064 EURO TYPE C RECEPT AP ASSY	 TE Part # 5148057-5 ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE
 TE Part # 5650473-5 ASSY,PIN,EUROCARD,TYPE C,LEAD-	 TE Part # 5536418-5 ASSY,RECEPT,EURO,TYPE C,LEAD-F	 TE Part # 650947-5 096 EURO TYPE C PIN ST ASSY	 TE Part # 5148059-5 ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE
 TE Part # 535043-5 096 EURO TYPE C RECEPT ST ASSY	 TE Part # 5536405-5 ASSY,PIN,EUROCARD,TYPE C,LEAD-	 TE Part # 5650461-4 ASSY,RECEPTACLE,EUROCARD,TYPE	 TE Part # 5535043-4 ASSY,RECEPTACLE,EUROCARD,TYPE

Also in the Series | Eurocard Type R



[Eurocard Connectors\(79\)](#)



[Standard Edge Connectors\(1\)](#)

Customers Also Bought



TE Part #5499786-1
[A/L UNIV HDR 10P RA LG LAT](#)



TE Part #5787170-7
[68 50SR R/A RCPT ASSY,RDSN L/F](#)



TE Part #641971-1
[09P UMNL PIN HDR ASSY V2 NATL](#)



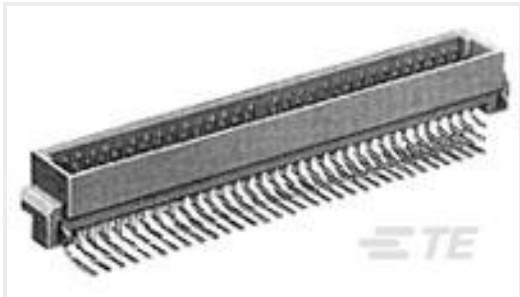
TE Part #641973-1
[12P UMNL PIN HDR ASSY V2 NATL](#)



TE Part #641975-1
[15P UMNL PIN HDR ASSY POL NATL](#)



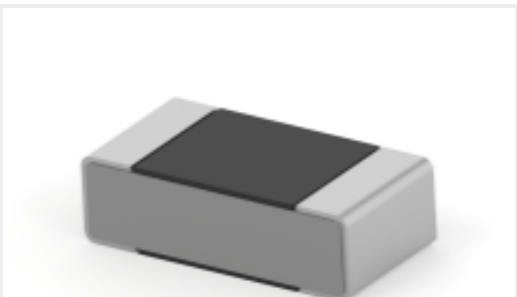
TE Part #641965-1
[03P UMNL PIN HDR ASSY V2 NATL](#)



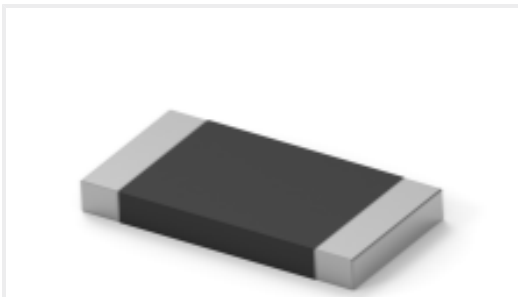
TE Part #5650913-5
[ASSY,PIN,EUROCARD,TYPE C,LEAD-](#)



TE Part #641967-1
[04P UMNL PIN HDR ASSY POL NATL](#)



TE Part #6-1879216-3
[CPF 0402 237K 0.1% 25PPM 1K RL](#)



TE Part #3-2176422-3
[TLRP 2512 3.0W R060 1% 25PPM 4K RL](#)

Documents

Product Drawings

[ASSY,RECEPT,EUROCARD,TYPE R,LE](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5650895-4_A.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_5650895-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5650895-4_A.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English