



Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Plug**
Connector System: **Board-to-Board**
Termination Post & Tail Length: **6.35 mm [.25 in]**
Number of Positions: **64**
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

Number of Positions	64
Number of Rows	3
PCB Mount Orientation	Vertical
Number of Columns	32
Number of Signal Positions	64
Rows Loaded	A, C

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 – 5.08 µm[100 – 200 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	6.35 mm[.25 in]

Mechanical Attachment

Connector Mounting Type	Board Mount
Panel Mount Feature	Without
PCB Mount Retention	With
Mating Retention	Without
PCB Mount Retention Type	Action/Compliant Tail
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	11.4 mm[.45 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

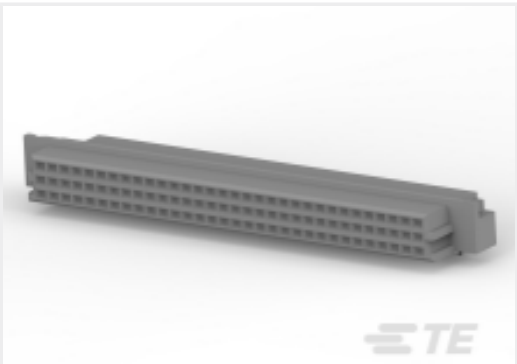
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No 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) 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>

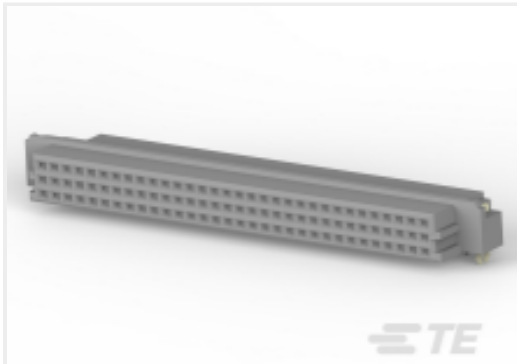
Compatible Parts



TE Part # 5650870-5
ASSEMBLY, RECEPTACLE, EURO, TYPE



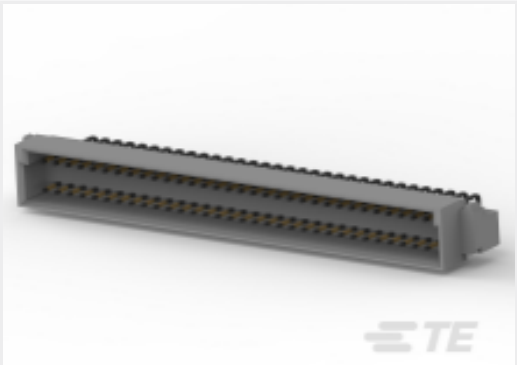
TE Part # 5148296-2
ASSY, RECEPT, EUROCARD, TYPE R, L-FREE, A&B, 6



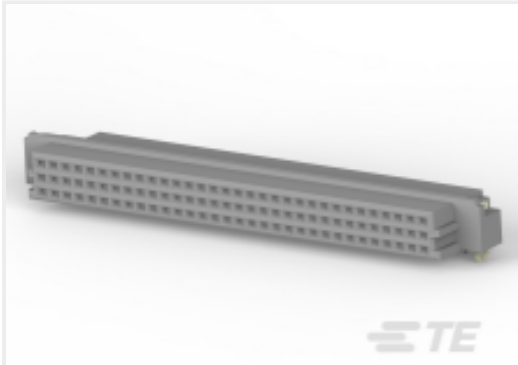
TE Part # 5650897-4
ASSY, RECEPT, EURO, TYPE R, L-FREE, A&C, 64/96



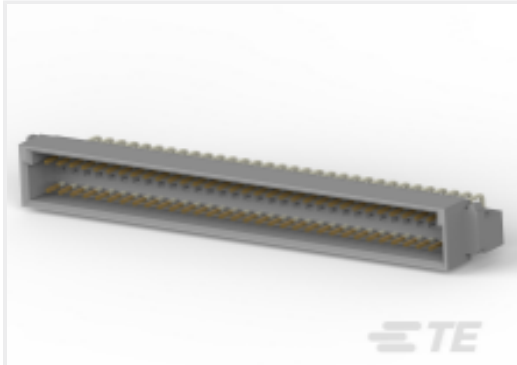
TE Part # 166811-2
RV100 FEM CON 2X32P



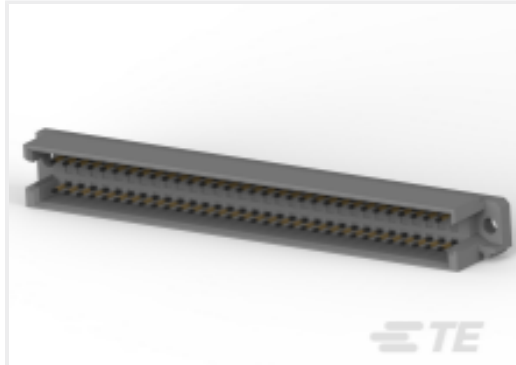
TE Part # 5650945-5
ASSY, PIN, EUROCARD, TYPE C, LEAD-



TE Part # 5650897-5
ASSY, RECEPT, EURO, TYPE R, L-FREE, A&C, 64/96



TE Part # 650945-5
064 EURO TYPE C PIN ST ASSY



TE Part # 5650933-5
ASSY, PIN, EUROCARD, TYPE R, LEAD-

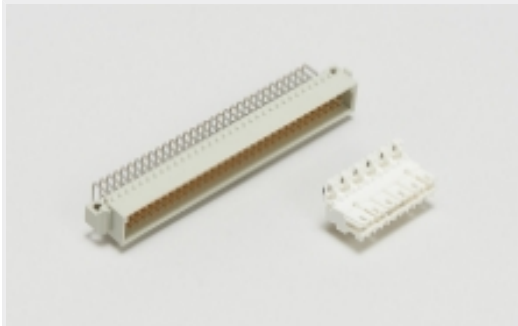


TE Part # 5650870-4
ASSEMBLY, RECEPTACLE, EURO, TYPE

Also in the Series | Eurocard Type R



Eurocard Connectors(78)



Standard Edge Connectors(1)

Customers Also Bought



TE Part #6176350001
TMS-SCE-3/4-2.0-S1-4



TE Part #3-640429-6
06P MTA156 CONN ASSY 24AWG WHT



TE Part #3-640602-8
08P MTA156 CONN ASSY 24AWG LF



TE Part #3-641126-2
02P MTA100 HDR ASY FL/STR LF

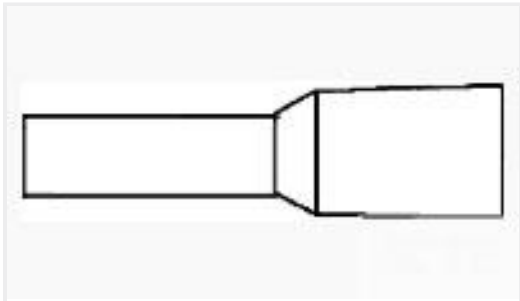




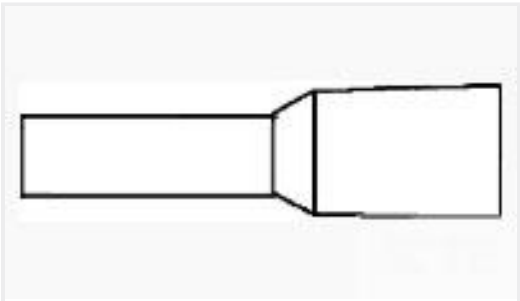
TE Part #3-643820-8
08P MTA156 CONN ASSY 24AWG LF



TE Part #3-644466-4
04P MTA156 CONN ASSY 20AWG YEL



TE Part #966144-1
FER,WIRE,DBL,PL SLV, .50/20,L8, WHITE,LP



TE Part #966144-2
FER,WIRE,DBL,PL SLV, .75/18,L8,GREY, LP



TE Part #1825058-1
ADE02S04=DIP SWITCH,EXT,SMT-GW



TE Part #5050865-1
SOCKET,MIN-SPR SN-AU SER-4

Documents

Product Drawings

ASSY,PIN,EUROCARD,TYPE R,LEAD-FREE,A&C,6

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5650912-5_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5650912-5_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5650912-5_O.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English