5650408-5 ✔ ACTIVE

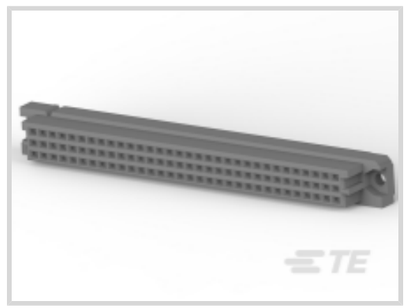
EUROCARD

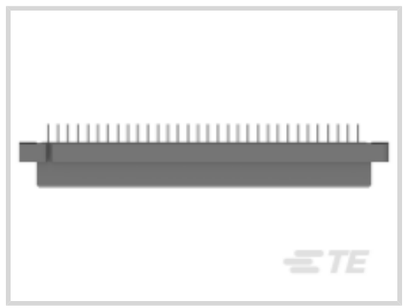
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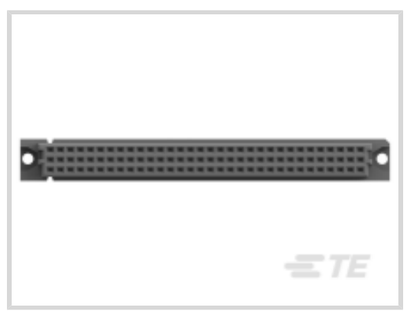
Receptacle, Board-to-Board, 64 Position, 2.54 mm [.1 in] Centerline, Printed Circuit Board, 2 Row, Vertical, 32 Column, Eurocard Connectors

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors







Connector & Housing Type: **Receptacle**

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

Termination Post & Tail Length: **4.57 mm [.18 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	2
PCB Mount Orientation	Vertical
Number of Columns	32
Number of Signal Positions	64
Rows Loaded	A, C

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Gray

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	Socket
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	4.57 mm[.18 in]

Mechanical Attachment

Connector Mounting Type	Board Mount
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention	Without
Mating Alignment Type	Polarization
Mating Alignment	With
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	11.5 mm[.453 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box

Product Compliance

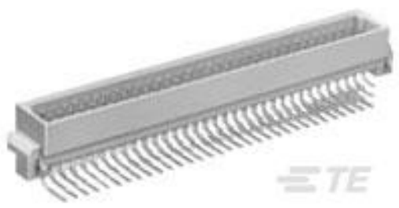
For compliance documentation, visit the product page on TE.com>

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	Wave solder capable to 265°C

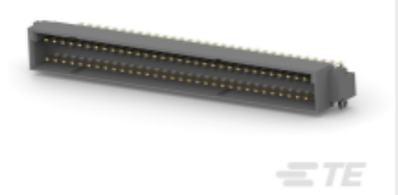
Product Compliance Disclaimer

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

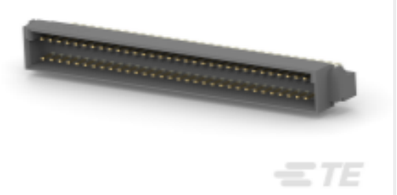
Compatible Parts



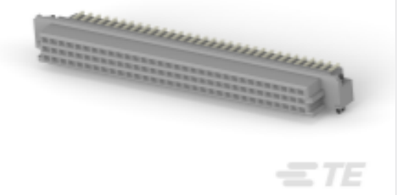
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V42254B1200C913=PC612 MESSERLE



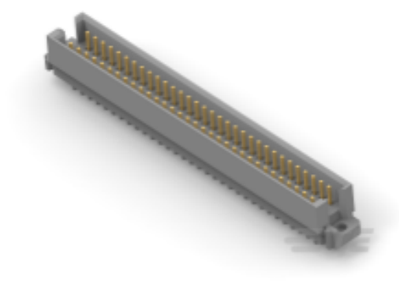
TE Part # 5536356-5
ASSY,PIN,EUROCARD,"C",LEAD-FREE,A&C,64/9



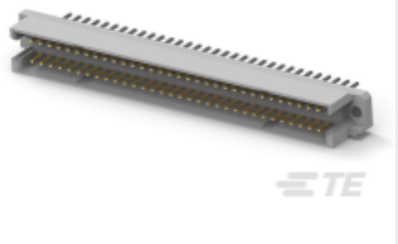
TE Part # 5650951-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-



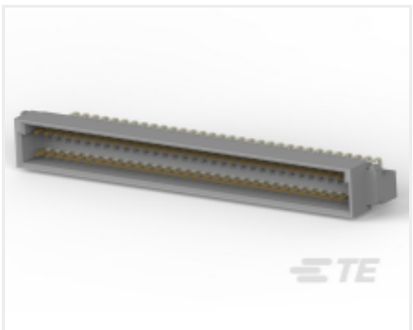
TE Part # 650897-5
064 EURO TYPE R RECEPT BL ASSY



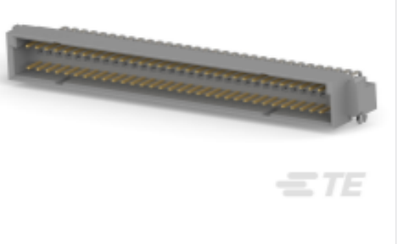
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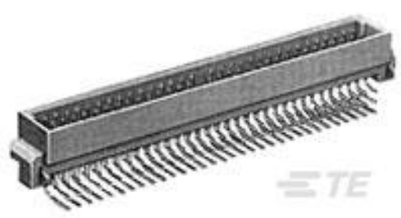
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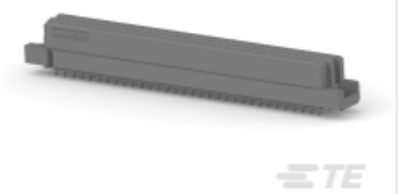
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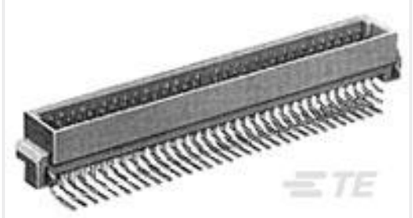
TE Part # 5536406-5
ASSY,PIN,EUROCARD,"C",LEAD-FREE,A&C,64/9



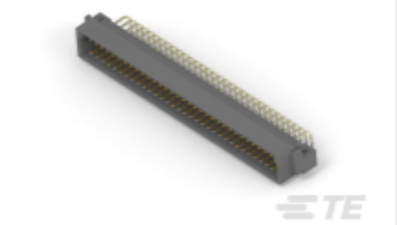
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064 EURO TYPE C PIN BL ASSY



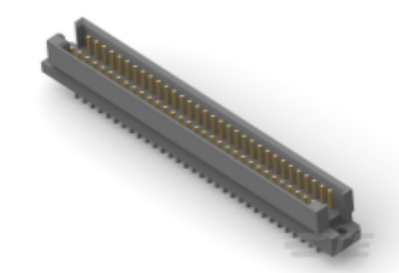
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ASSEMBLY,RECEPTACLE,EURO,TYPE



TE Part # 536356-5
064 EURO TYPE C PIN BL ASSY

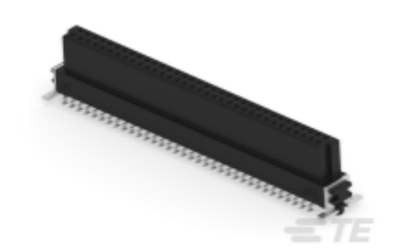


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TE Part # 650934-5
064 EURO TYPE R PIN ST ASSY

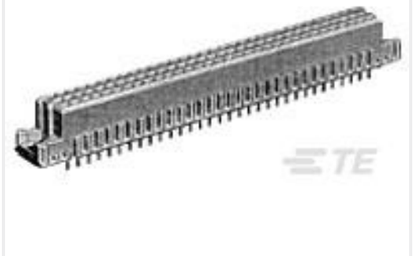
Customers Also Bought



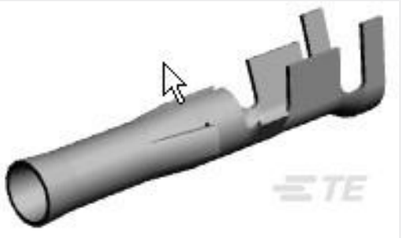
TE Part #154720-E
SMCB 68 F AB VV 7-03 CL * H007 137 E002



TE Part #244857-E
SMCQ 68 M AB VV 8-03 CL * H007 137 E005



TE Part #535043-5
096 EURO TYPE C RECEPT ST ASSY



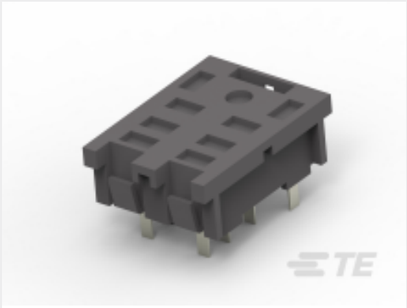
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.093 CP&S SOK PTPBR L/P 20-14



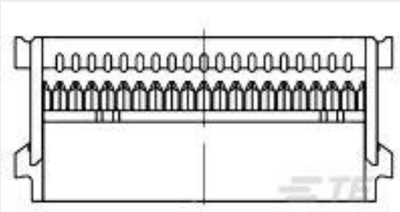
TE Part #770147-1
.093 CP&S PIN PTPBR LP 24-18



TE Part #2-1393122-8
KHAU-17A12-120=KH



TE Part #2-1419106-1
27E489=SOCKET,K10,8,PCB,NYL



TE Part #2-1658526-9
609-1630LF=FSKT IDC S 16 30AU



TE Part #5-1879234-2
SMF5 68K 5%



TE Part #1-2007492-5
SFP+assy 2x1 EMI Springs 4LP Sn Enhanced

Documents

Product Drawings

ASSEMBLY,RECEPTACLE,EURO,TYPE

English

CAD Files

Customer View Model

ENG_CVM_CVM_5650408-5_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5650408-5_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5650408-5_O.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English