650945-5 ✔ ACTIVE

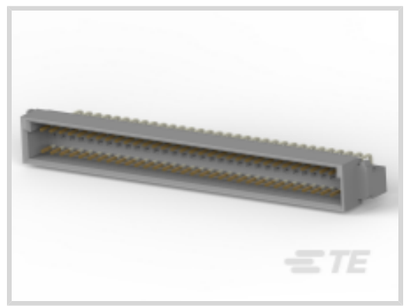
EUROCARD

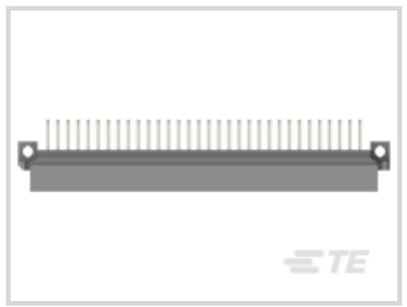
TE Internal #: 650945-5

Plug, Board-to-Board, 64 Position, 2.54 mm [.1 in] Centerline, Printed Circuit Board, 3 Row, Right Angle, 32 Column, Eurocard Connectors

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors







Connector & Housing Type: **Plug**

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

Termination Post & Tail Length: **2.64 mm [.104 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 Power or Coaxial Positions	64
Number of Positions	64
Number of Rows	3
PCB Mount Orientation	Right Angle
Number of Columns	32
Rows Loaded	A, C
Number of Signal Positions	64

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

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	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Type	Pin
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.64 mm[.104 in]

Mechanical Attachment

Connector Mounting Type	Board Mount
Mating Alignment Type	Polarization
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without

Housing Features

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

Dimensions

Connector Height	12.62 mm[.497 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

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

Operation/Application

Shielded	No
Circuit Application	Power & 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	No Restricted Materials 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 240°C

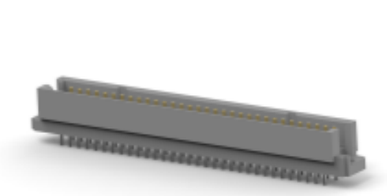
Product Compliance Disclaimer

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

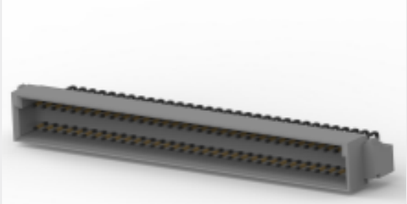
Compatible Parts



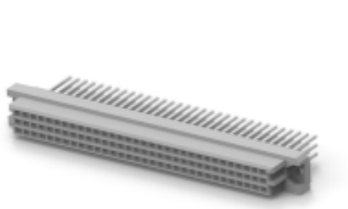
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V42254B2102C963=PC612 FEDERLEI



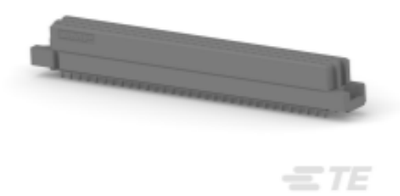
TE Part # 5650912-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-FREE,A&C,6



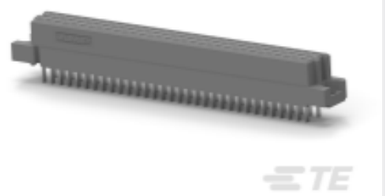
TE Part # 5650945-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-



TE Part # 1-148167-5
064 EURO TYP C RECP 13MM ASSY



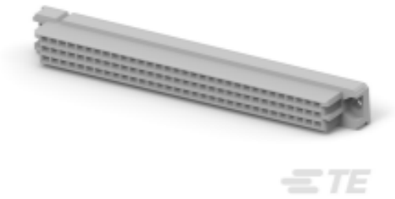
TE Part # 5650458-5
ASSEMBLY,RECEPTACLE,EURO,TYPE



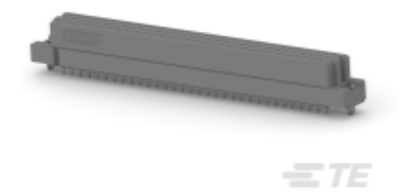
TE Part # 5535059-4
ASSY,RECEPTACLE,EURO,TYPE C,L-FREE,A&C,6



TE Part # 166811-5
64P.MT CONN.KIT ASS



TE Part # 650956-5
064 EURO TYPE C RECEPT ST ASSY



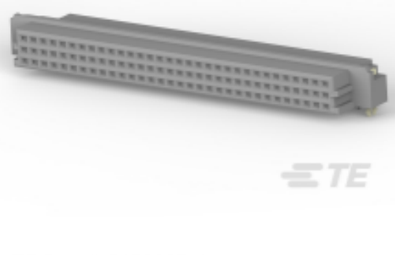
TE Part # 5650983-5
ASSY,RECEPT,EURO,TYPE C,L-FREE,A&C,64/96



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



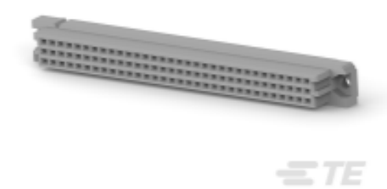
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V42254B1200C913=PC612 MESSERLE



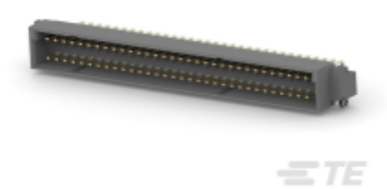
TE Part # 5650897-4
ASSY,RECEPT,EURO,TYPE R,L-FREE,A&C,64/96



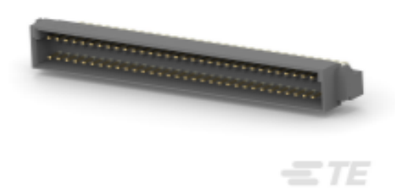
TE Part # 5536481-5
ASSY,RECEPT,EURO,TYPE C,L-FREE



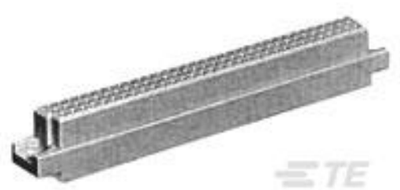
TE Part # 5650408-4
ASSEMBLY,RECEPTACLE,EURO,TYPE



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



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



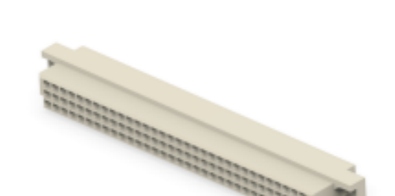
TE Part # 827803-1
96 POS HOUSING ASSY



TE Part # 166811-2
RV100 FEM CON 2X32P

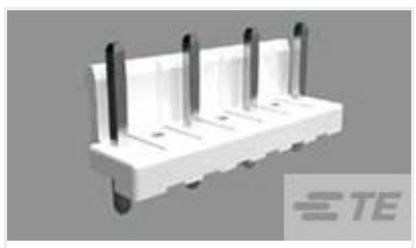


TE Part # 746603-4
64 EUROLATCH LEAD FREE



TE Part # 925486-1
MOD. IV SNAP-IN HSG 96 POS.

Customers Also Bought



TE Part #1-1318301-4
3.96EP HDR ASSY 4(7)P NAT/TUBE



TE Part #1623776-2
MPC5 100R 5%



TE Part #1658684-1
HDP-22,RCPT,SIZE 4,62 POSN



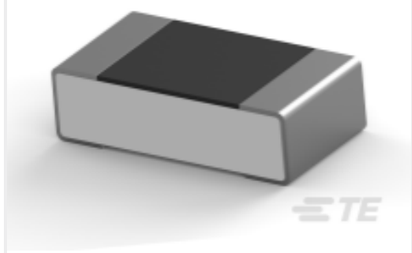
TE Part #4-1676480-4
CRG0402 1% 2K4



TE Part #6-1879215-4
CPF 0402 21K 0.1% 25PPM 1K RL



TE Part #1-2176215-5
CPF A 0402 2K2 0.1% 25PPM 1K RL



TE Part #9-2176370-5
RQ 0603 4K12 0.1% 10PPM 5K RL



TE Part #5650956-5
ASSEMBLY,RECEPTACLE,EURO,TYPE



TE Part #5747843-6
37 MSFL PLUG RA 318 (SL,FM,BL)



TE Part #1513259-1
WORLD GSM PCB ANTENNA BULK PACKAGED

Documents

Product Drawings

064 EURO TYPE C PIN ST ASSY

English

064 EURO TYPE C PIN ST ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_650945-5_U_c-650945-5-u.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_650945-5_U_c-650945-5-u.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_650945-5_U_c-650945-5-u.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English