

EUROCARD

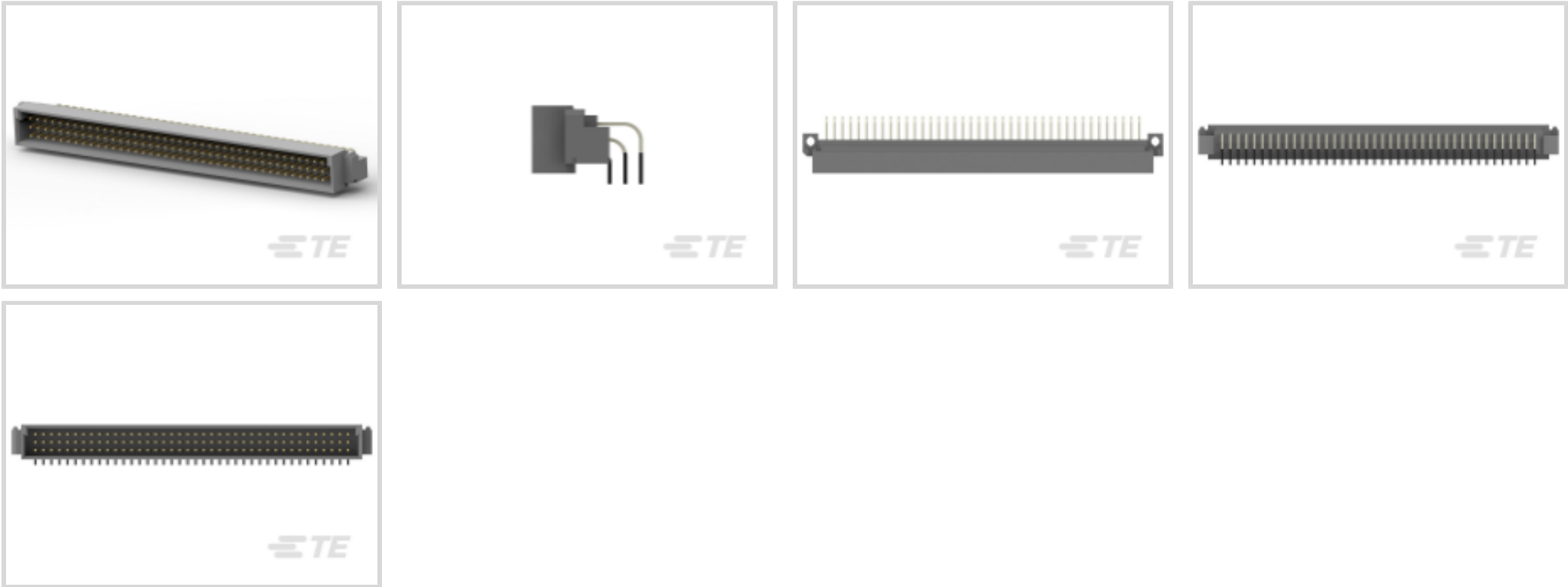
TE Internal #: 5650949-5

Plug, Board-to-Board, 120 Position, 2.54 mm [.1 in] Centerline,
Printed Circuit Board, 3 Row, Right Angle, 40 Column, 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: **3.3 mm [.13 in]**
Number of Positions: **120**
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	Expanded
DIN Level	II

Configuration Features

Mating & Unmating Configuration	Make First / Break Last
Number of Positions	120
Number of Rows	3
PCB Mount Orientation	Right Angle
Number of Columns	40
Rows Loaded	A, B, C
Number of Signal Positions	120

Body Features



Primary Product Color	Gray
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Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Type	Pin
Contact Mating Area Plating Material Thickness	.003 μm
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.3 mm[.13 in]

Mechanical Attachment

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

Housing Features

Housing Material	High Temperature Glass-Filled Polyester
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	12.62 mm[.496 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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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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 5536489-5
ASSY,RECEPT,EURO,TYPE C,L-FREE



TE Part # 5148542-5
ASSY,RECPT,EURO,TYPE C,L-FREE,



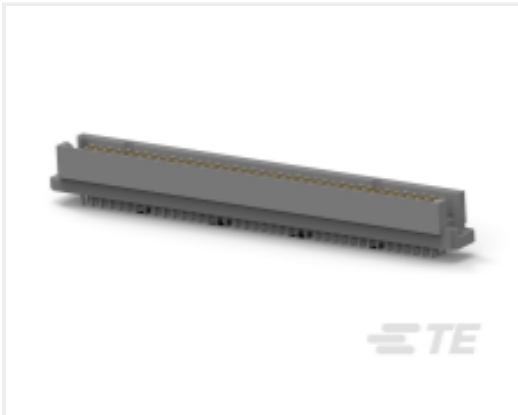
TE Part # 5148360-5
ASSY,RECEPTACLE,EUROCARD,TYPE



TE Part # 5535079-5
ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE



TE Part # 5535098-5
ASSEMBLY, RECEPTACLE, EUROCARD, TYPE C, LEAD-FREE, 120 P



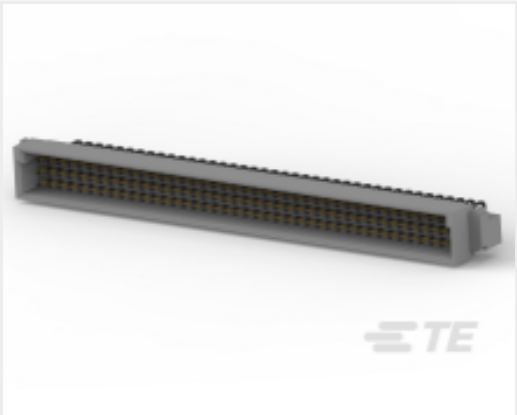
TE Part # 5650919-5
ASSY, PIN, EUROCARD, TYPE R, LEAD-FREE, 120 P



TE Part # 5535098-4
ASSEMBLY, RECEPTACLE, EUROCARD, TYPE C, LEAD-FREE, 120 P



TE Part # 5535097-5
ASSEMBLY, RECEPTACLE, EUROCARD, TYPE C, LEAD-FREE, 120 P



TE Part # 5650906-5
ASSY, PIN, EUROCARD, TYPE C, LEAD-FREE, 120 P



TE Part # 5650910-5
ASSY, PIN, EUROCARD, TYPE R, LEAD-FREE, 120 P



TE Part # 5536494-5
ASSY, RECEPTACLE, EUROCARD, TYPE C, LEAD-FREE, 120 P



TE Part # 5535099-5
120 EURO TYPE C RECEPT ST ASSY



TE Part # 5650874-5
ASSY, RECEPTACLE, EUROCARD, TYPE C, LEAD-FREE, 120 P



TE Part # 5650914-5
ASSY, PIN, EUROCARD, TYPE C, LEAD-FREE, 120 P



TE Part # 5650921-5
ASSY, PIN, EUROCARD, TYPE R, LEAD-FREE, 120 P

Customers Also Bought



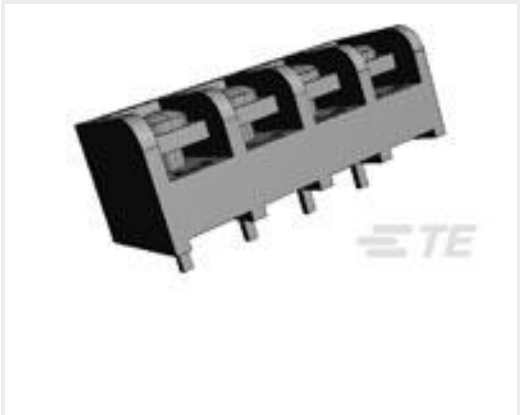
TE Part # CONMCX001
MCX Jack 50 Ohm PCB Through Hole



TE Part # 87046-3
MOD IV RECP LP



TE Part # 382811-6
SHUNT, ECON, PHBR 15 AU, BLACK



TE Part # 6-1437648-7
4PCV-04-006=4PCV ASSEMBLY



TE Part # 1487590-2
USB, A-B, 25/20, WHITE, 5.0M



TE Part # 2-1761605-5
IDC LOW PRO HDR 14P RA BLUE



TE Part # 1825095-1
TP11CGPC004



TE Part # 9-2176070-4
3521 75K 1% 2W



Documents

Product Drawings

ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,120 P

English

CAD Files

Customer View Model

ENG_CVM_CVM_5650949-5_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5650949-5_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5650949-5_O.3d_stp.zip

English

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Product Specifications

Application Specification

English