

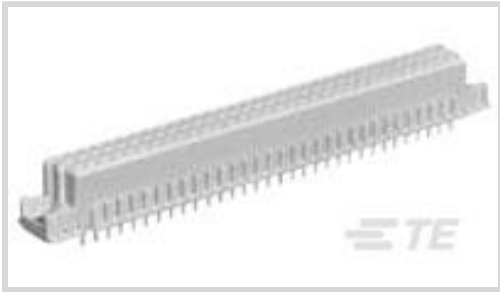
EUROCARD

TE Internal #: 4-1393637-4
Receptacle, Board-to-Board, 48 Position, 2.54 mm [.1 in] Centerline,
Printed Circuit Board, 3 Row, Vertical, 16 Column, Eurocard
Connectors

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**
Connector System: **Board-to-Board**
Termination Post & Tail Length: **3.7 mm [.146 in]**
Number of Positions: **48**
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	Half
DIN Level	II

Configuration Features

Number of Power or Coaxial Positions	3
Number of Positions	48
Number of Rows	3
PCB Mount Orientation	Vertical
Number of Columns	16
Rows Loaded	A, B, C
Number of Signal Positions	48

Contact Features

Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Current Rating (Max)	3 A

Termination Features

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Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	3.7 mm[.146 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

PCB Thickness (Recommended)	2.2 mm[.086 in]
Connector Height	10.6 mm
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

Shielded	No
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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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 2024 (241)



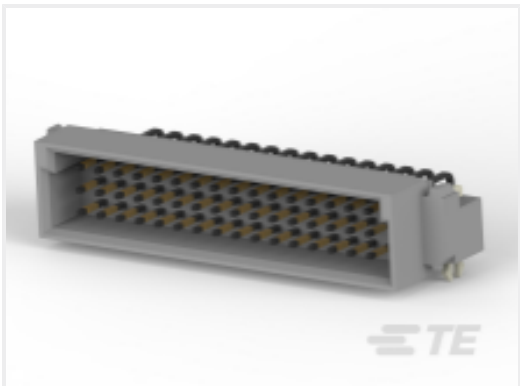
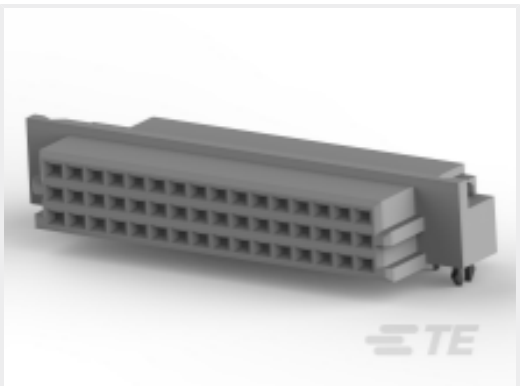
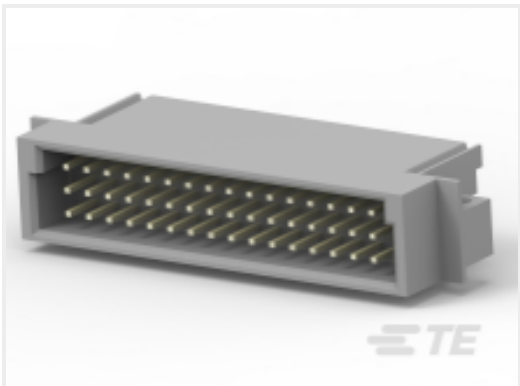
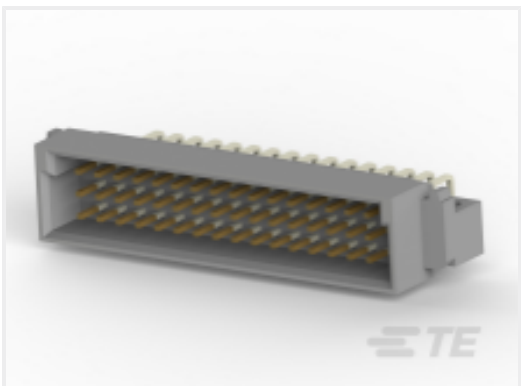
Does not contain REACH SVHC

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

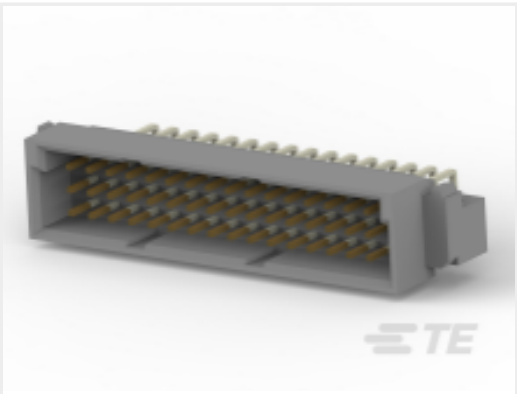
Product Compliance Disclaimer

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>

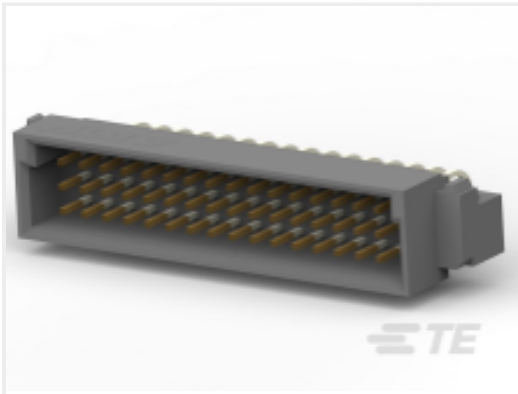
Compatible Parts

 TE Part # 5650916-5 ASSY,PIN,EUROCARD,TYPE C/2,LEA	 TE Part # 5536397-5 ASSY,RECEPT,EURO,TYPE C/2,LEAD	 TE Part # 5650893-5 ASSY,RECEPT,EUROCARD,TYPE R/2,L-FREE,48,	 TE Part # 650948-5 048 EURO TYPE C PIN ST ASSY
 TE Part # 216398-4 48P.IEC-C MALE CONN	 TE Part # 148020-5 048 EURO TYPE C PIN BL ASSY	 TE Part # 5148020-5 ASSY,PIN,EURO,"C/2",L-FREE,48	 TE Part # 536407-5 048 EURO TYPE C PIN BL ASSY
 TE Part # 650916-5 048 EURO TYPE C PIN BL ASSY	 TE Part # 650478-5 048 EURO TYPE C PIN ST ASSY	 TE Part # 5535070-5 ASSY,RECEPTACLE,EUROCARD,TYPE	 TE Part # 1393644-9 V42254B1100C480=PC612 MESSERLE





TE Part # 5650478-5
ASSY,PIN,EUROCARD,TYPE C/2,LEA



TE Part # 5650948-5
ASSY,PIN,EUROCARD,TYPE C/2,LEA



TE Part # 5536407-5
ASSY,PIN,EUROCARD,TYPE C/2,LEAD-FREE,48

Customers Also Bought



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



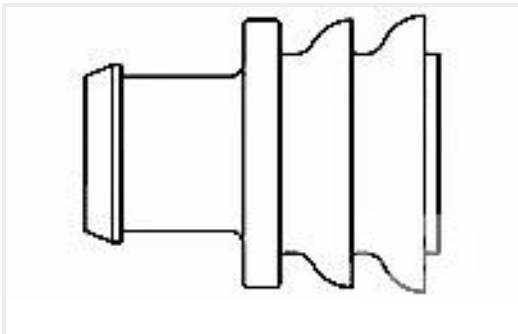
TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings
V42254P2263C480=PC612 FEDERLEI

English

CAD Files
Customer View Model
ENG_CVM_CVM_4-1393637-4_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_4-1393637-4_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_4-1393637-4_A.3d_stp.zip

English

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