5536397-5 ✔ ACTIVE

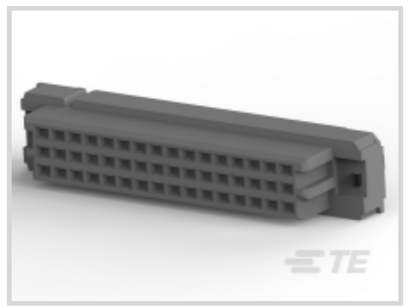
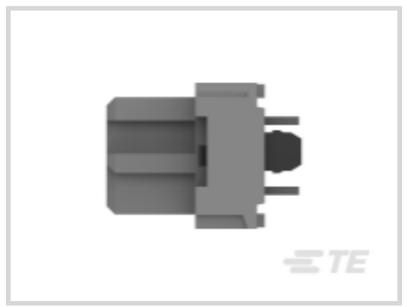
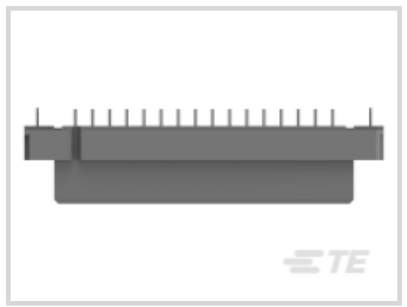
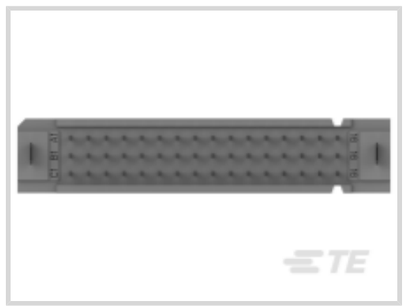
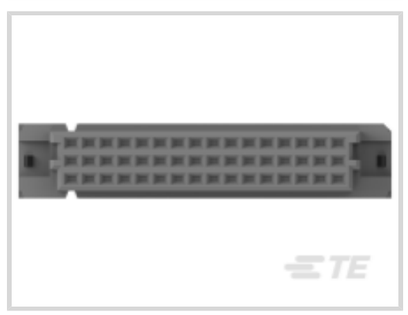
EUROCARD

TE Internal #: 5536397-5

Receptacle, Board-to-Board, 48 Position, 2.54 mm [.1 in] Centerline, Printed Circuit Board, 3 Row, Vertical, 16 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: **2.49 mm [.098 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 Positions	48
Number of Rows	3
PCB Mount Orientation	Vertical
Number of Columns	16
Rows Loaded	A, B, C
Number of Signal Positions	48

Body Features

Primary Product Color	Gray

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	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
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	2.49 mm[.098 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

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

Product Compliance

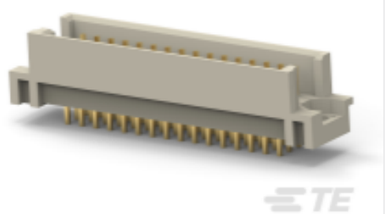
For compliance documentation, visit the product page on TE.com>

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



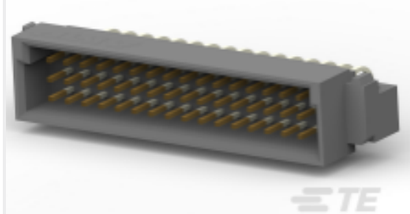
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V42254B1201R480=PC612 MESSERLE



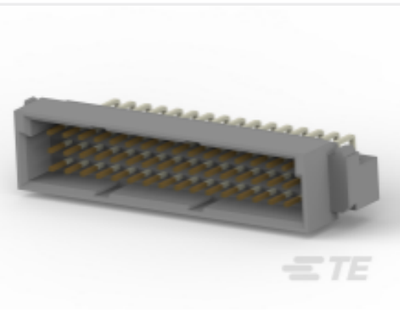
TE Part # 650478-9
048 EURO TYPE C PIN ST ASSY



TE Part # 5148083-1
048 EURO TYPE C PIN MFBL ASSY



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



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



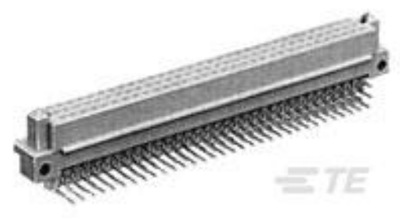
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ASSEMBLY,RECEPTACLE,EUROCARD,T



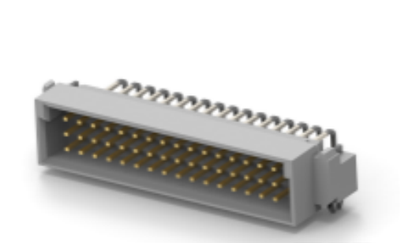
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ASSY,PIN,EUROCARD,TYPE C/2,LEAD-FREE,48



TE Part # 536407-5
048 EURO TYPE C PIN BL ASSY



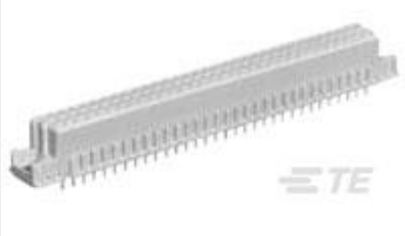
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ASSY, EURO, TYPE R, RECEPT, W/



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048 EURO TYPE C PIN BL ASSY



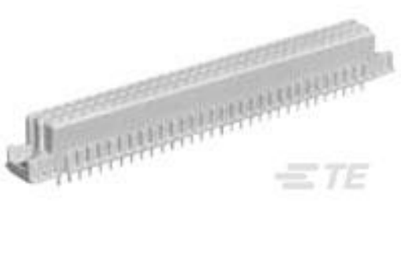
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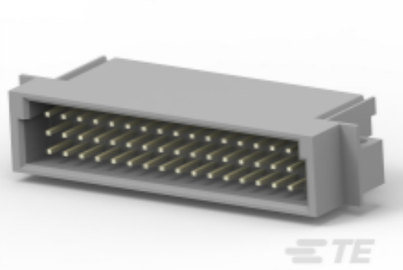
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TE Part # 1377389-1
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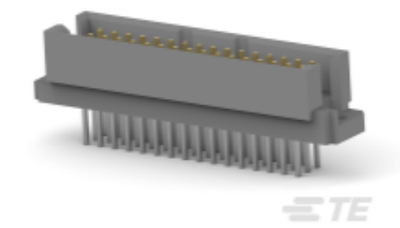
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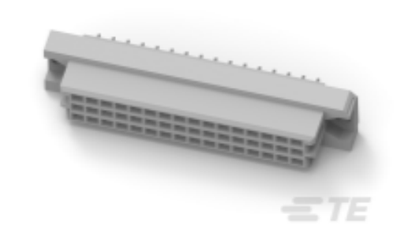
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48P.IEC-C MALE CONN



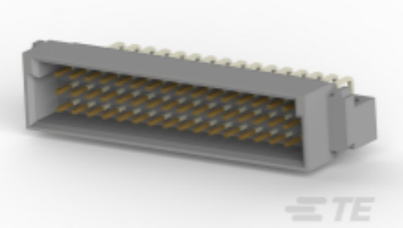
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ASSY,PIN,EUROCARD,TYPE R/2,L-FREE,48 POS



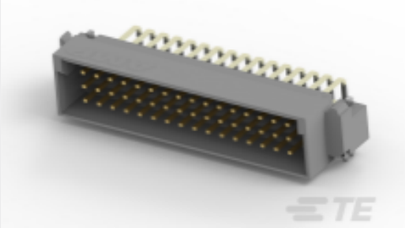
TE Part # 5650918-5
ASSY,PIN,EUROCARD,TYPE R/2,LEA



TE Part # 535091-5
048 EURO TYPE C RECEPT ST ASSY



TE Part # 650478-5
048 EURO TYPE C PIN ST ASSY



TE Part # 650916-5
048 EURO TYPE C PIN BL ASSY

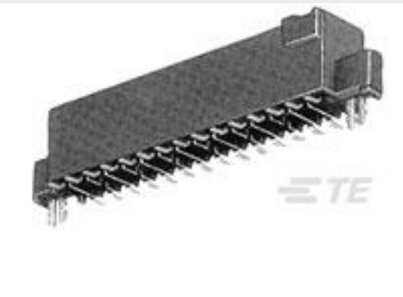
Customers Also Bought



TE Part #1SNA115260R0300
M6/8.1



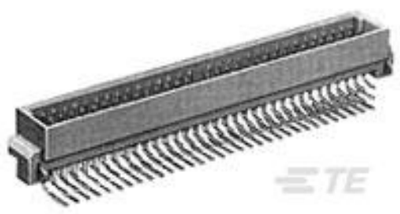
TE Part #5-103414-7
09 MODII HDR SRST SHRD LF



TE Part #5-104652-2
20 50/50 GRID DRST SFMNT RCPT



TE Part #216398-4
48P.IEC-C MALE CONN



TE Part #650478-5
048 EURO TYPE C PIN ST ASSY



TE Part #1-794606-2
MICRO MNL RPT CNT STRP 30AU LF



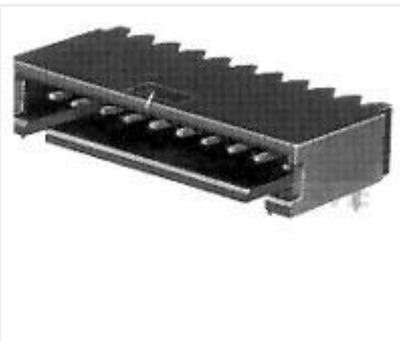
TE Part #2102092-2
Fortis Zd 2Pr 10Col Vert End Mod Assy



TE Part #2-2176330-1
CRGP 2010 470R 1%



TE Part #1-5747150-6
09 RCPT SP/FMS SCRLK



TE Part #103361-3
05 MODII HDR SRRA SHRD .100CL

Documents

Product Drawings

ASSY,RECEPT,EURO,TYPE C/2,LEAD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5536397-5_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5536397-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5536397-5_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English