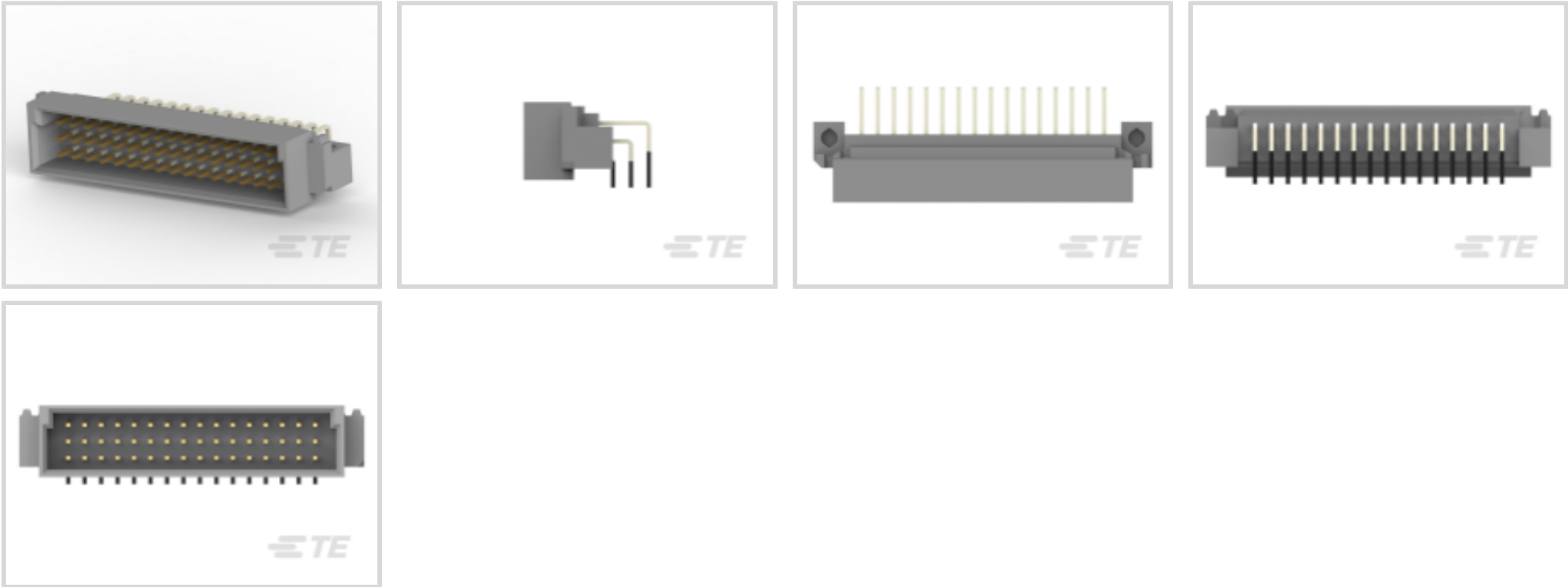




Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Plug**
Connector System: **Board-to-Board**
Termination Post & Tail Length: **2.64 mm [.104 in]**
Number of Positions: **48**
Centerline (Pitch): **2.54 mm [.1 in]**

Features

Electrical Characteristics

Operating Voltage	250 VAC
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Industry Standards

UL Flammability Rating	UL 94V-0
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Mechanical Attachment

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

Packaging Features

Packaging Method	Box
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Operation/Application

Shielded	No
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Circuit Application	Power & Signal
Contact Features	
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 µm[100 – 200 µin]
Contact Mating Area Plating Material	Gold
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Type	Pin
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Current Rating (Max)	1.5 A
Housing Features	
Housing Material	Polyester - GF
Centerline (Pitch)	2.54 mm[.1 in]
Configuration Features	
Number of Power or Coaxial Positions	48
Number of Positions	48
Number of Rows	3
PCB Mount Orientation	Right Angle
Number of Columns	16
Rows Loaded	A, C
Number of Signal Positions	48
Termination Features	
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.64 mm[.104 in]
Product Type Features	
Connector & Housing Type	Plug
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
DIN Size	Half
DIN Level	II
Dimensions	
Row-to-Row Spacing	2.54 mm[.1 in]
Usage Conditions	



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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) 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	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>

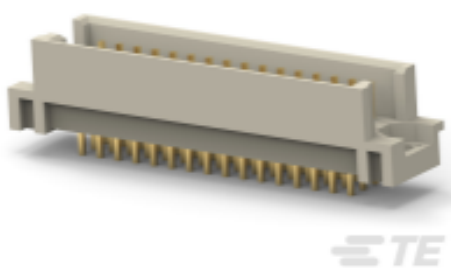
Compatible Parts

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

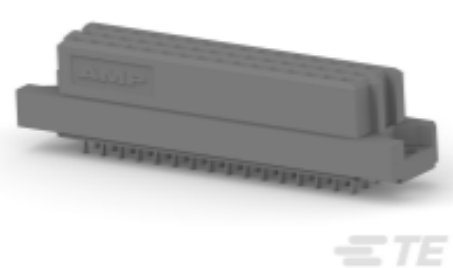
TE Part # 5650478-5
ASSY,PIN,EUROCARD,TYPE C/2,LEA

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

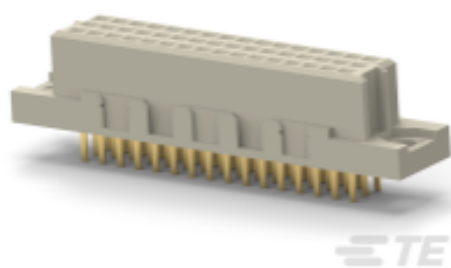
TE Part # 1393644-9
V42254B1100C480=PC612 MESSERLE



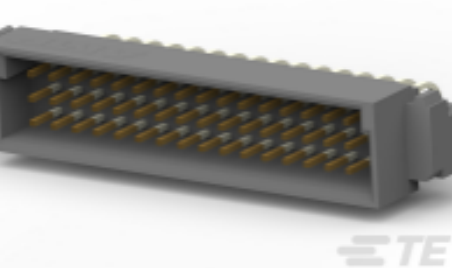
TE Part # 2-1393659-6
V42254B1201R480=PC612 MESSERLE



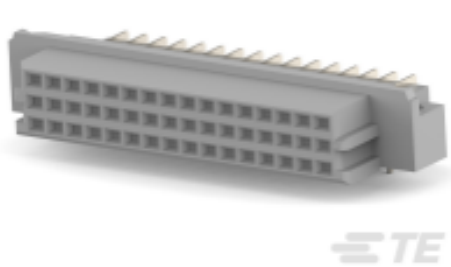
TE Part # 5535091-5
ASSEMBLY,RECEPTACLE,EUROCARD, T



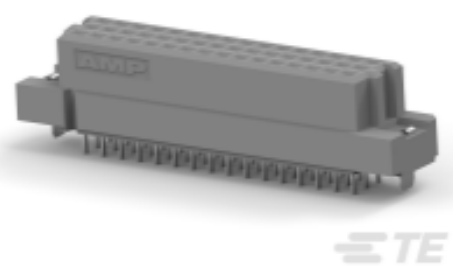
TE Part # 2-1393641-5
V42254B2202C480=PC612 FEDERLEI



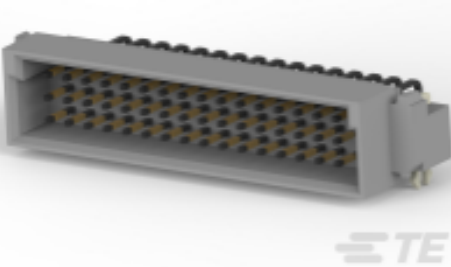
TE Part # 5650948-5
ASSY,PIN,EUROCARD,TYPE C/2,LEA



TE Part # 5650868-5
ASSY,RECEPTACLE,EUROCARD,TYPE R/2,LEAD-F



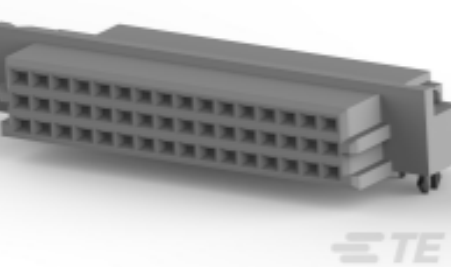
TE Part # 5536484-5
ASSY,RECEPT,EURO,TYPE C/2,L-FR



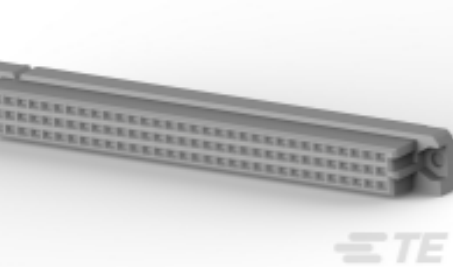
TE Part # 5650916-5
ASSY,PIN,EUROCARD,TYPE C/2,LEA



TE Part # 1-5536397-5
ASSY,RECEPT,EURO,TYPE C/2,LEAD



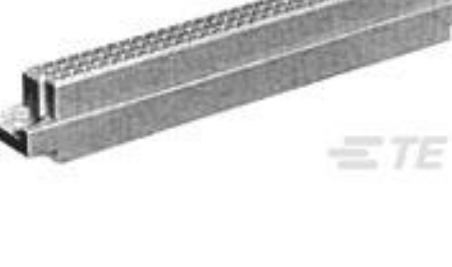
TE Part # 5650893-5
ASSY,RECEPT,EUROCARD,TYPE R/2,L-FREE,48,



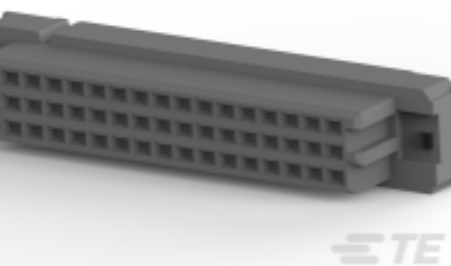
TE Part # 5535071-4
ASSY,RECEPTACLE,EUROCARD,TYPE



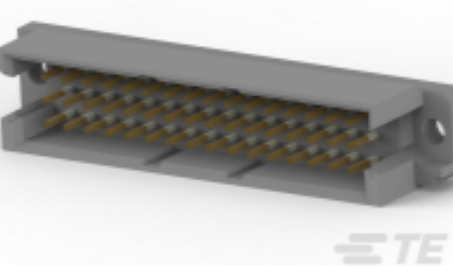
TE Part # 5148474-1
ASSY,PIN,EUROCARD,TYPE R/2,LEAD-FREE,48



TE Part # 926040-2
48P MOD 4 HSG



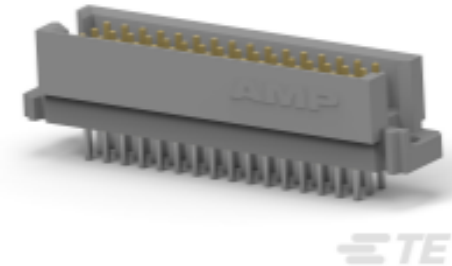
TE Part # 5536397-5
ASSY,RECEPT,EURO,TYPE C/2,LEAD



TE Part # 5650479-5
ASSY,PIN,EUROCARD,TYPE R/2,LEAD-FREE,48

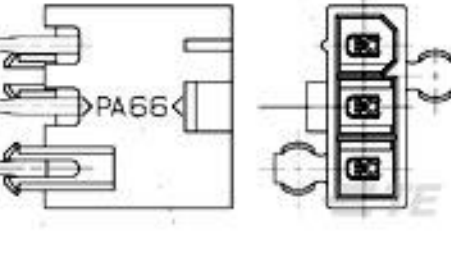


TE Part # 926040-1
48P MOD 4 HSG



TE Part # 5650477-5
ASSY,PIN,EUROCARD,TYPE R/2,LEAD-FREE,48

Customers Also Bought



TE Part #2029181-3
3P VAL-U-LOK VRTHDR W/PGS GW



TE Part #5536397-5
ASSY,RECEPT,EURO,TYPE C/2,LEAD



TE Part #1625856-4
RH73 2A 20M 10% 100PPM 1K RL



TE Part #1-2176330-6
CRGP 2010 180R 1%



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

TE Part #1-1825136-2
A101MD9AB04

TE Part #1-2323750-0
ASSY,HDR,RIGHT ANGLE,GWT,DUAL ROW, EP2.5

TE Part #2-2324245-4
ASSY,HDR,VERT,GWT,BOSSSED,DUAL ROW, EP2.5

TE Part #2-2324245-6
ASSY,HDR,VERT,GWT,BOSSSED,DUAL ROW, EP2.5

TE Part #4-2324245-0
ASSY,HDR,VERT,GWT,BOSSSED,DUAL ROW, EP2.5

Documents

Product Drawings

048 EURO TYPE C PIN ST ASSY

English

048 EURO TYPE C PIN ST ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_650478-5_P_c-650478-5-p.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_650478-5_P_c-650478-5-p.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_650478-5_P_c-650478-5-p.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Application Specification

English

Instruction Sheets



Instruction Sheet (U.S.)

English

Agency Approvals

UL

English