650478-5 ✔ ACTIVE

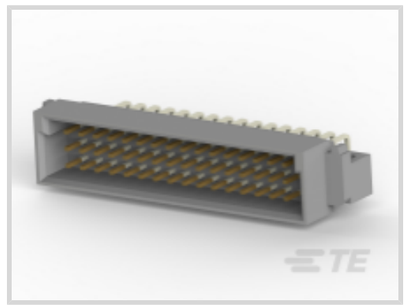
EUROCARD

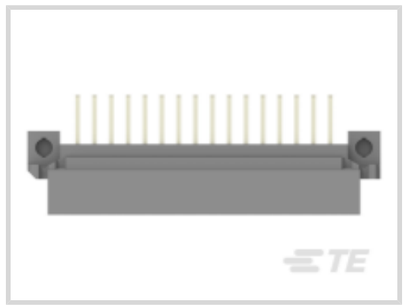
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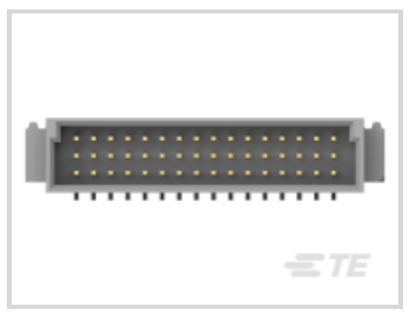
Eurocard Connectors, Plug, Board-to-Board, Termination Post & Tail Length 2.64 mm [.104 in], 48 Position, 2.54mm [.1in] Centerline

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: **48**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Connector & Housing Type	Plug
Connector System	Board-to-Board
Sealable	No
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	Right Angle
Number of Columns	16
Number of Power or Coaxial Positions	48
Number of Signal Positions	48
Rows Loaded	A, B, C

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Contact Cross Section	.64 x .64 mm[.025 x .025 in]
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 µm[100 – 200 µin]
Contact Type	Pin
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Brass
Contact Current Rating (Max)	1.5 A

Termination Features

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

Mechanical Attachment

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

Housing Features

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

Dimensions

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

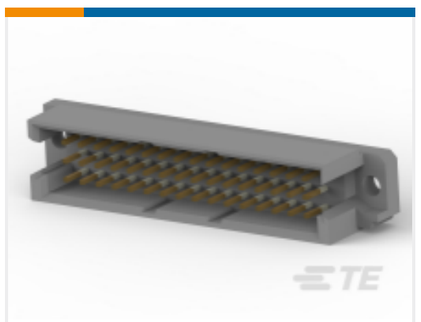
For compliance documentation, visit the product page on TE.com>

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

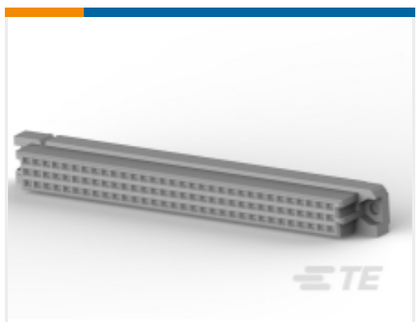
Compatible Parts



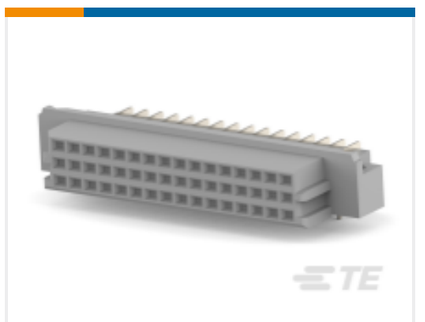
TE Part # 5650479-5
ASSY,PIN,EUROCARD,TYPE R/2,LEAD-FREE,48



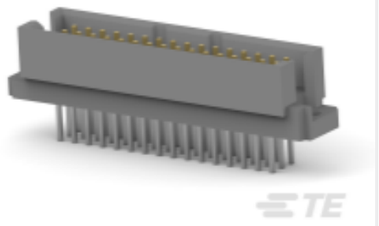
TE Part # 5535091-5
ASSEMBLY,RECEPTACLE,EUROCARD,T



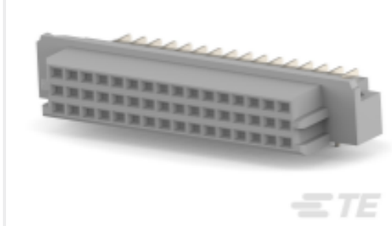
TE Part # 5535071-4
ASSY,RECEPTACLE,EUROCARD,TYPE



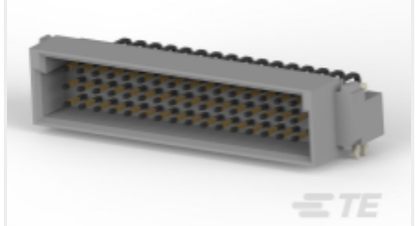
TE Part # 5650868-5
ASSY,RECEPTACLE,EUROCARD,TYPE R/2,LEAD-F



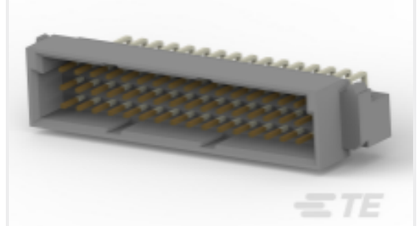
TE Part # 5650918-5
ASSY,PIN,EUROCARD,TYPE R/2,LEA



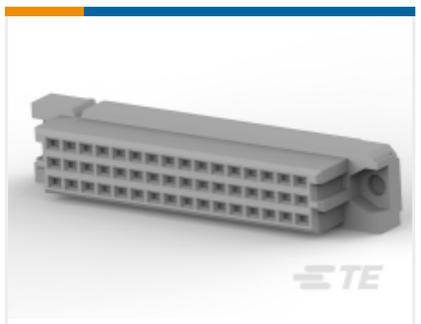
TE Part # 5650868-4
ASSY,RECEPTACLE,EUROCARD,TYPE



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



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



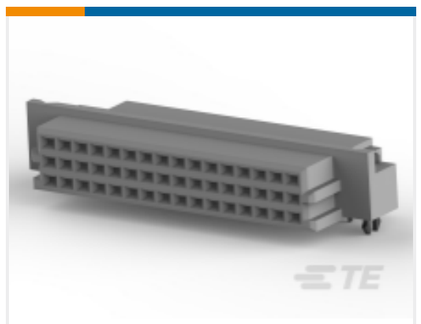
TE Part # 5535070-4
ASSY,RECEPTACLE,EUROCARD,TYPE



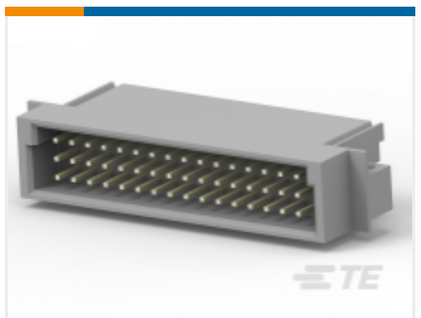
TE Part # 5535034-4
ASSY,RECEPTACLE,EUROCARD,TYPE C/2,L-FREE



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



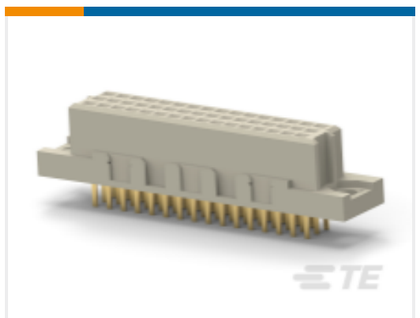
TE Part # 5650893-5
ASSY,RECEPT,EUROCARD,TYPE R/2,L-FREE,48,



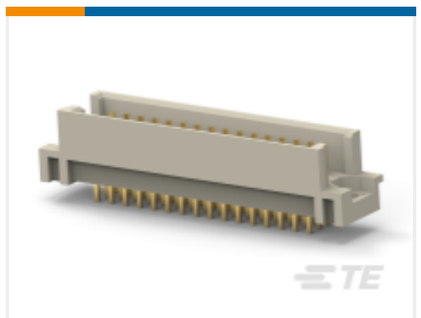
TE Part # 216398-4
48P.IEC-C MALE CONN



TE Part # 1-5148020-5
ASSY,PIN,EURO,"C/2",L-FREE,48



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



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



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



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

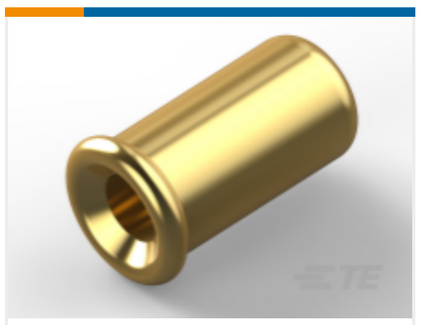


TE Part # 926040-2
48P MOD 4 HSG



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

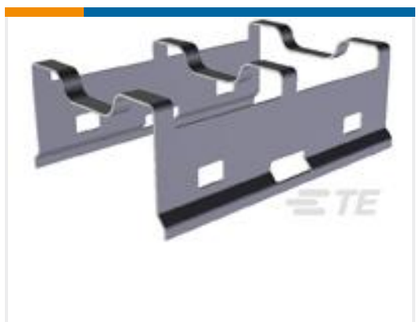
Customers Also Bought



TE Part #2-5332070-9
Mini Spring Sockets: Open Bottom, 6.5 A



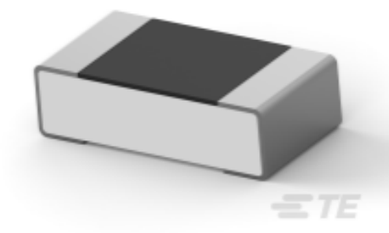
TE Part #120954-1
TE UPM R/A Header 4P HC Power, LLLL



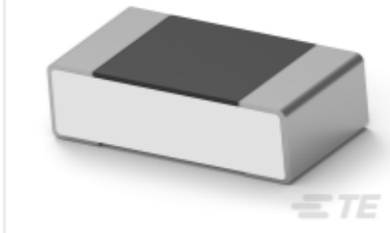
TE Part #1489948-2
XFP HEAT SINK CLIP, PLATED



TE Part #2-2176091-8
RP 2A 0.25W 110R 0.1% 25PPM 1K RL



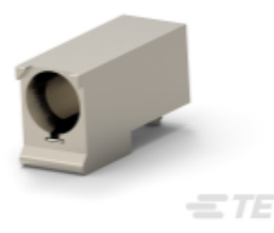
TE Part #3-2176372-4
RQ 0603 110K 0.1% 10PPM 5K RL



TE Part #9-2176371-4
RQ 0603 43K2 0.1% 10PPM 5K RL



TE Part #103185-2
02 MODII HDR SRST B/A .100CL



TE Part #1410338-6
MULTIGIG RT 9MM GUIDE/ESD



TE Part #3-2176093-5
RP 2A 0.25W 21K5 0.1% 25PPM 1K RL



TE Part #3-2176092-2
RP 2A 0.25W 1K47 0.1% 25PPM 1K RL

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

Product Environmental Compliance

MD_650478-5_04022015328_dmtec

English

MD_650478-5_04022015328_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English