7-1393644-4 ! PENDING OBSOLESCENCE

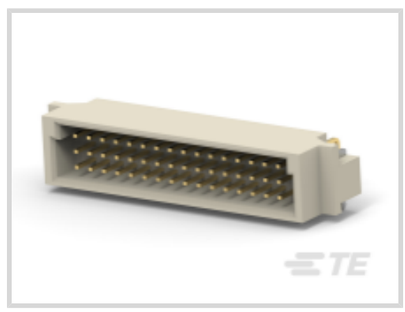
EUROCARD

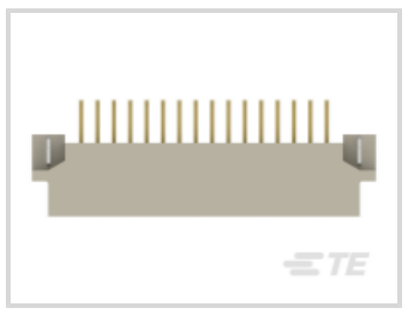
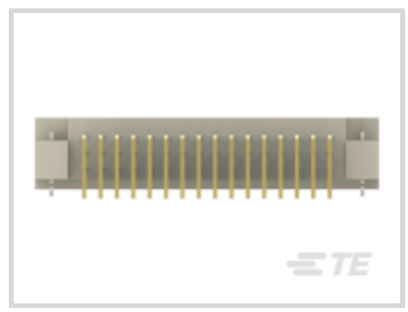
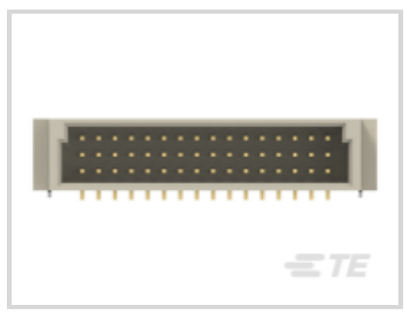
TE Internal #: 7-1393644-4

TE Internal Description: V42254B1200C410=PC612 MESSERLE

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Plug**

Connector System: **Board-to-Board**

Termination Post & Tail Length: **3 mm [.118 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
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 Signal Positions	48
Rows Loaded	A, C

Contact Features

Contact Type	Pin
Contact Base Material	Phosphor Bronze

Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3 mm[.118 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	12.62 mm
PCB Thickness (Recommended)	1.6 mm[.063 in]
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	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray

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: JAN 2024 (240) 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

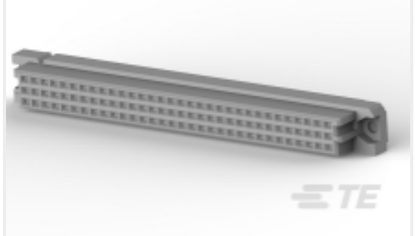
Product Compliance Disclaimer

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

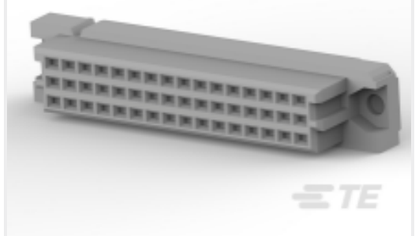
Compatible Parts



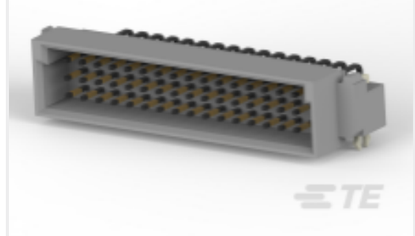
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ASSEMBLY,RECEPTACLE,EUROCARD,T



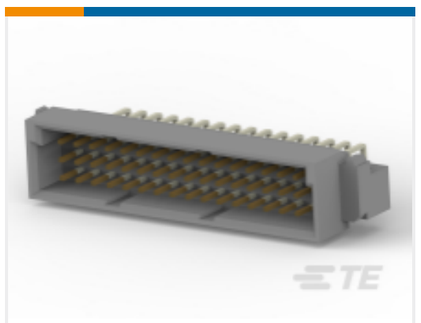
TE Part # 5535071-4
ASSY,RECEPTACLE,EUROCARD,TYPE



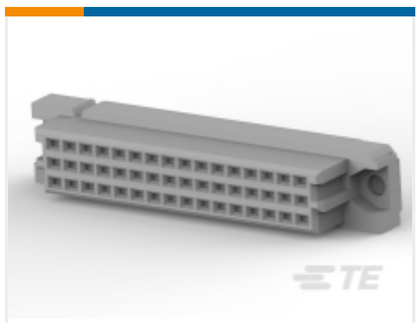
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ASSY,RECEPTACLE,EUROCARD,TYPE



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



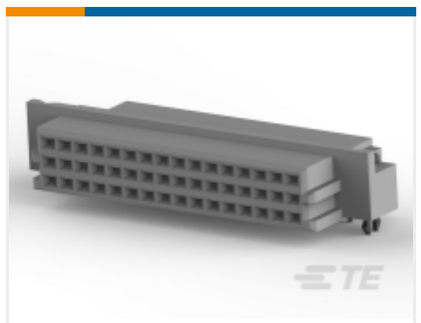
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ASSY,PIN,EUROCARD,TYPE C/2,LEA



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



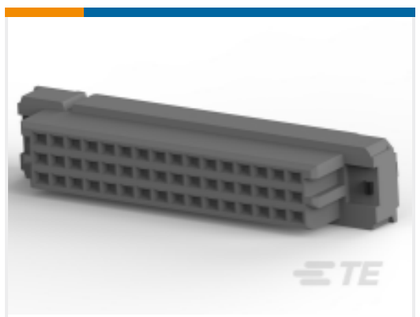
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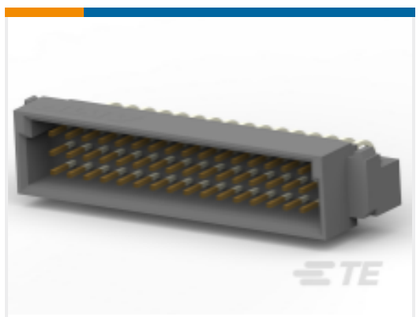
TE Part # 5650893-5
ASSY,RECEPT,EUROCARD,TYPE R/2,L-FREE,48,



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



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



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



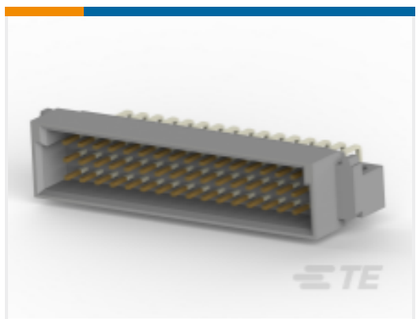
TE Part # 926040-2
48P MOD 4 HSG



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



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V42254P2263C480=PC612 FEDERLEI



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



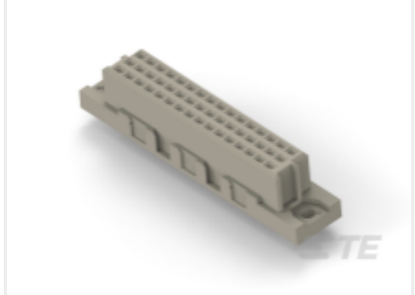
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V42254B2101C480=PC612 FEDERLEI



TE Part # 1393642-9
V42254B2240C480=PC612 FEDERLEI



TE Part # 926040-1
48P MOD 4 HSG



TE Part # 8-1393640-5
V42254B2201C480=PC612 FEDERLEI



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

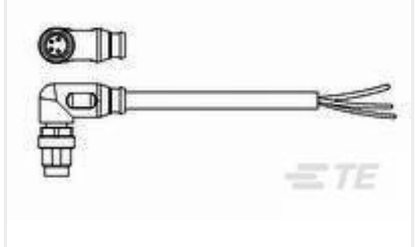
Customers Also Bought



TE Part #5747872-4
15 PLUG SP/FMS STD



TE Part #292175-4
CT BOX HDR V SMT 4P O/TAPE NAT



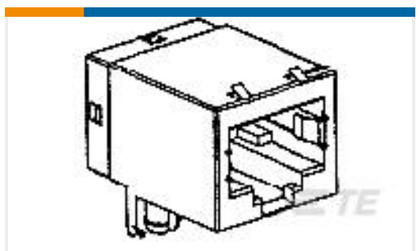
TE Part #1-2273010-1
M8 x 1.0 Angled plug Pigtail



TE Part #T4112501041-000
M12,FEMALE,RA,D CODE,4P,PG7, GOLD



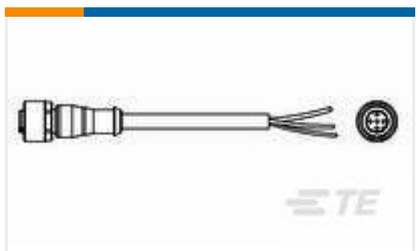
TE Part #770041-1
12P UMNL II PLUG-FRONT 94VO



TE Part #5558342-1
MJ,8POS,R/A,CAT5,SHLD,PC GND



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



TE Part #1-2273029-1
M12 x 1.0 straight socket pigt A



TE Part #1-2273028-1
M12 A-Code Male Straight Pigtail

Documents

Product Drawings

V42254B1200C410=PC612 MESSERLE

English

CAD Files

Customer View Model

ENG_CVM_CVM_7-1393644-4_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1393644-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1393644-4_A.3d_stp.zip

English

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