

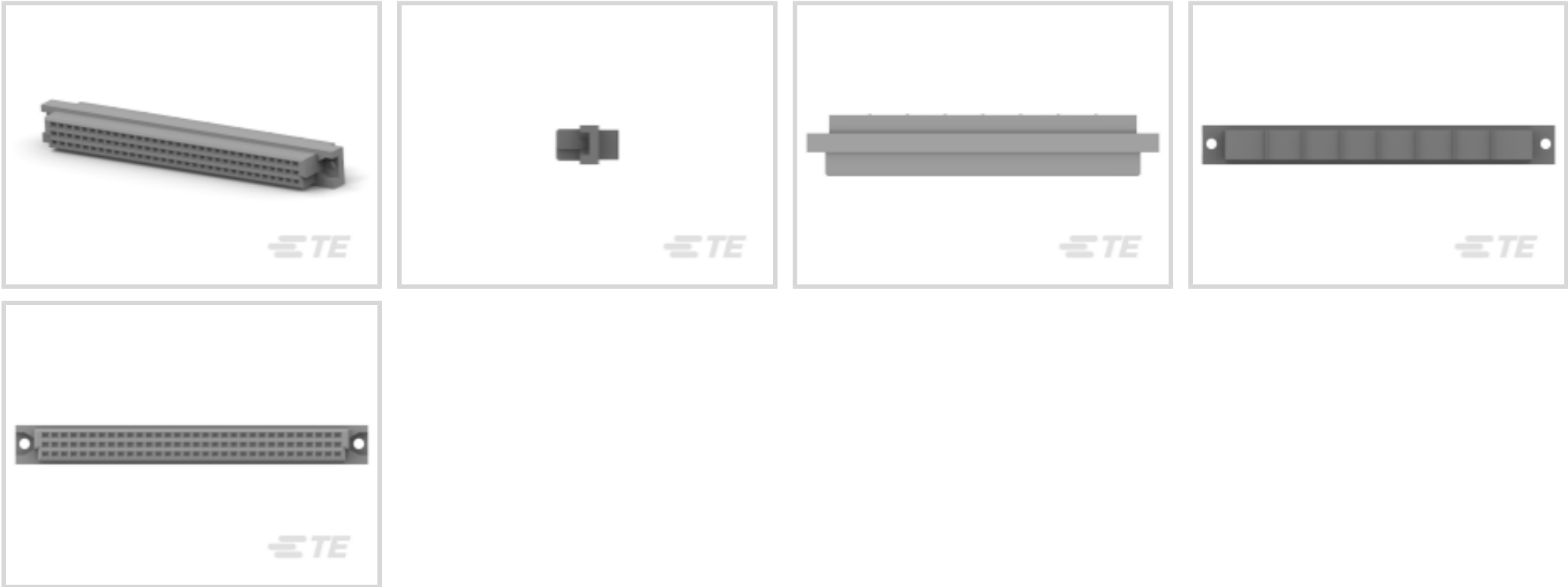
EUROCARD

TE Internal #: 166873-5
Receptacle, Wire-to-Board, 96 Position, 2.54 mm [.1 in] Centerline,
Wire & Cable, 3 Row, Vertical, 32 Column, 96 Signal Positions,
Eurocard Connectors

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Board**
Number of Positions: **96**
Centerline (Pitch): **2.54 mm [.1 in]**
Connector & Contact Terminates To: **Wire & Cable**

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Mechanical Attachment

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

Packaging Features

Packaging Method	Box
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Contact Features

Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze



Contact Type	Socket
Contact Mating Area Plating Material Thickness	.76 µm
Contact Current Rating (Max)	3 A

Dimensions

Connector Height	16.4 mm
Row-to-Row Spacing	2.54 mm[.1 in]

Housing Features

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

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable
DIN Size	Standard
DIN Level	II

Configuration Features

Number of Positions	96
Number of Rows	3
PCB Mount Orientation	Vertical
Number of Columns	32
Rows Loaded	B, C, A
Number of Signal Positions	96

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Circuit Application	Signal
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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	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 # 215605-4
96P.IEC-C MALE CONN

TE Part # 5148116-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,96 PO

TE Part # 1-1393644-6
V42254B1100C960=PC612 MESSERLE

TE Part # 5536010-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,96 PO

TE Part # 650473-5
096 EURO TYPE C PIN ST ASSY

TE Part # 9-1393644-1
V42254B1200C960=PC612 MESSERLE

TE Part # 658096-3
PGHT RV100, RV100-4 ASSY

TE Part # 536405-5
096 EURO TYPE C PIN BL ASSY

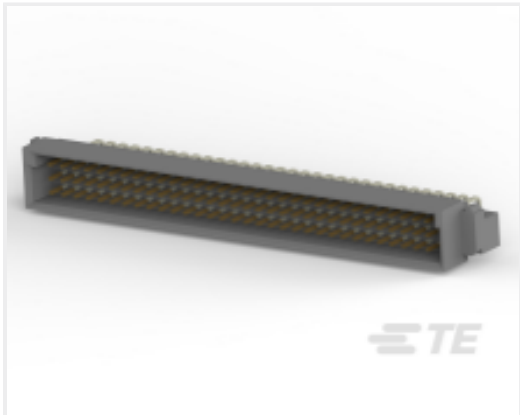




TE Part # 8-1393644-3
V42254B1200C910=PC612 MESSERLE



TE Part # 536010-5
096 EURO TYPE C PIN HT ASSY



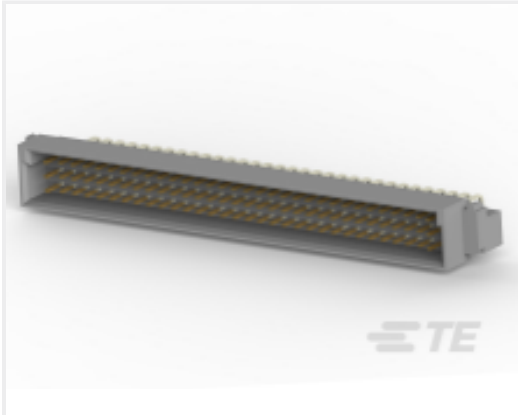
TE Part # 5650473-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-



TE Part # 148116-5
096 EURO TYPE C PIN ST ASSY



TE Part # 650913-5
096 EURO TYPE C PIN BL ASSY



TE Part # 5536437-4
ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,96 PO



TE Part # 536742-5
096 EURO TYPE C PIN ST ASSY



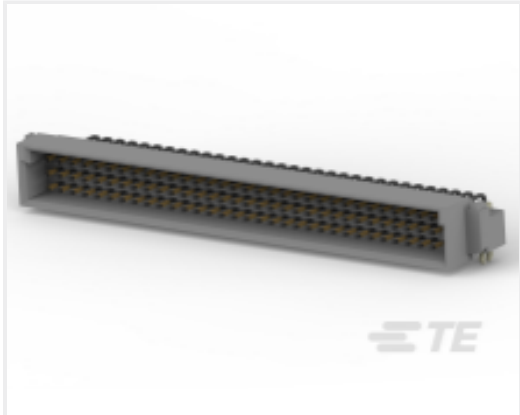
TE Part # 536416-5
096 EURO TYPE C PIN BL ASSY



TE Part # 8-1393640-9
V42254B2201C910=PC612 FEDERLEI



TE Part # 650947-5
096 EURO TYPE C PIN ST ASSY



TE Part # 5650913-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-



TE Part # 5536405-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-

Customers Also Bought



TE Part #1658621-6
26 NOVO MIL/CTR 15DP,LEAD FREE



TE Part #213810-1
CPC COUPLING RING SIZE 17



TE Part #2-1614885-8
CPF 0805 1M0 0.1% 25PPM 1K RL



TE Part #8-1614884-0
CPF 0805 6K8 0.1% 25PPM 1K RL



TE Part #5746881-2
SCREW RETAINER KIT,BULK PKG



TE Part #1-1614959-4
CPF0805 2M0 0.1% 25PPM 1K RL



TE Part #1614925-1
CPF0805 39K 0.1% 25PPM 1K RL



TE Part #5-1437624-2
PKES70B1/4=KNOB FLUTED W/SKIRT



Documents

Product Drawings

[96P.MT.CONN.KIT ASS](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_166873-5_E.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_166873-5_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_166873-5_E.3d_stp.zip](#)

English

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Product Specifications

[48 Pos. Receptacle Connector With 1 x 1 mm ACTION PIN Feature](#)

English

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English