

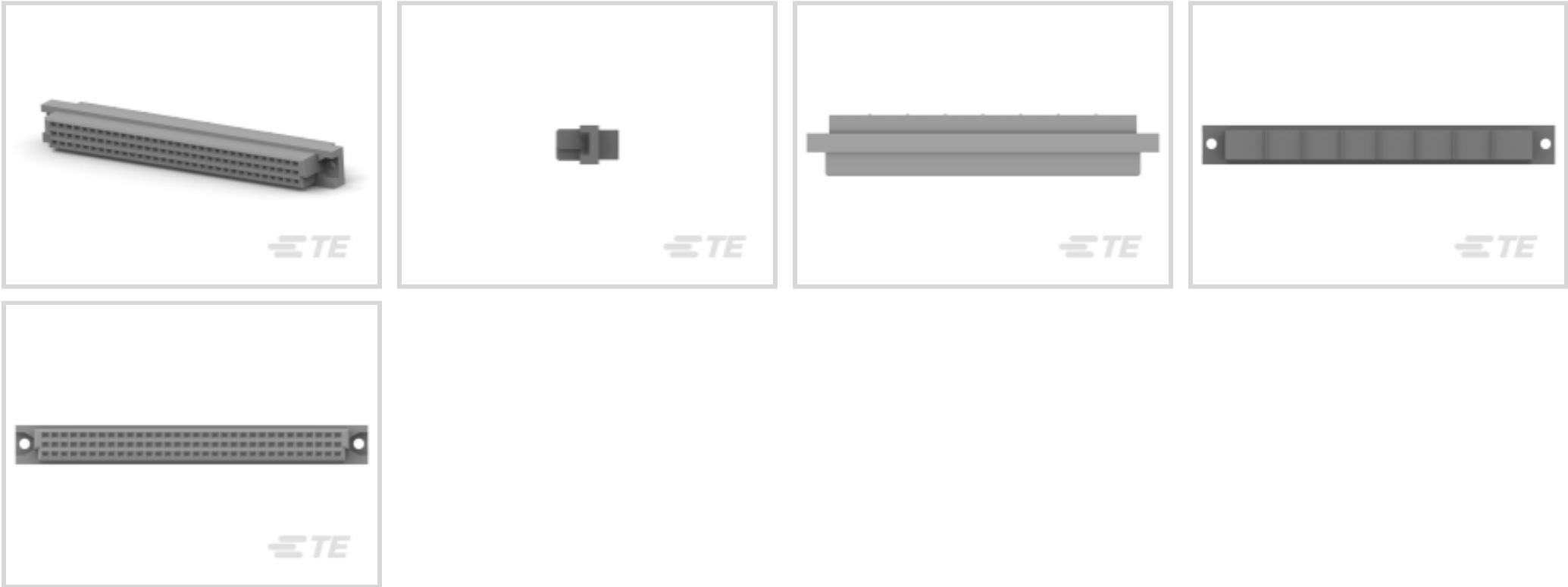
EUROCARD

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

[View on TE.com >](#)



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

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
Number of Signal Positions	96
Rows Loaded	A, B, C

Contact Features

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

Mechanical Attachment

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

Housing Features

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

Dimensions

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

Usage Conditions

Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box
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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 2024
(240)
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

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 # 650473-5
096 EURO TYPE C PIN ST ASSY

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

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

TE Part # 215605-4
96P.IEC-C MALE CONN

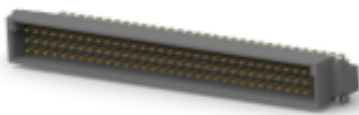
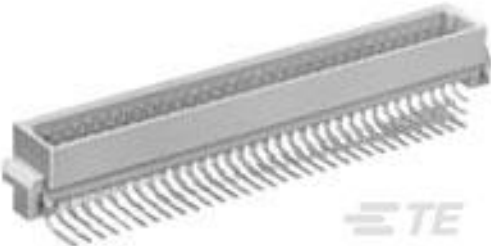
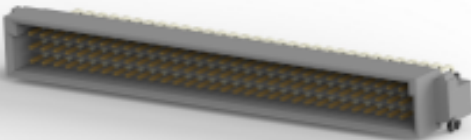
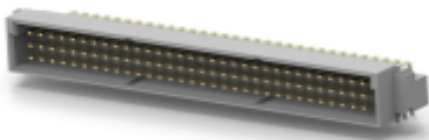
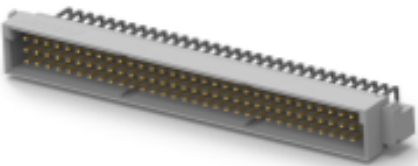
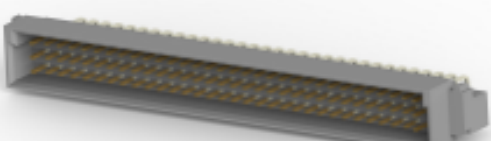
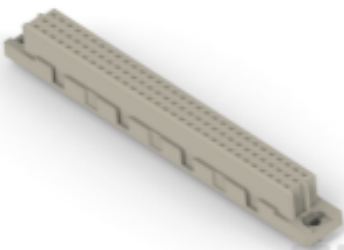
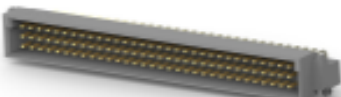
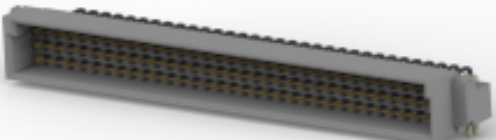
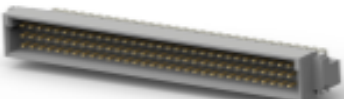
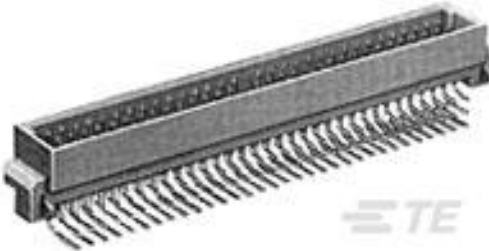
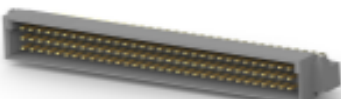
TE Part # 5536405-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-

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

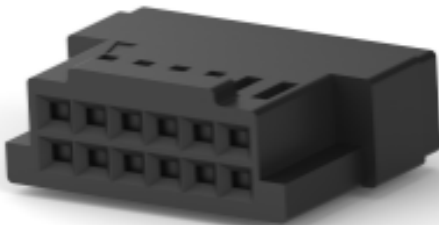
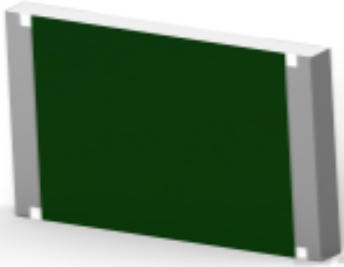
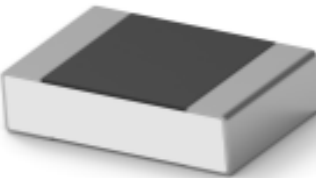
TE Part # 5536010-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-

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



 TE Part # 650913-5 096 EURO TYPE C PIN BL ASSY	 TE Part # 8-1393644-3 V42254B1200C910=PC612 MESSERLE	 TE Part # 5536416-5 ASSY,PIN,EURO,"C",LEAD-FREE,96	 TE Part # 5148116-5 ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,96 PO
 TE Part # 536010-5 096 EURO TYPE C PIN HT ASSY	 TE Part # 5536437-4 ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,96 PO	 TE Part # 8-1393640-9 V42254B2201C910=PC612 FEDERLEI	 TE Part # 536405-5 096 EURO TYPE C PIN BL ASSY
 TE Part # 5650913-5 ASSY,PIN,EUROCARD,TYPE C,LEAD-	 TE Part # 148116-5 096 EURO TYPE C PIN ST ASSY	 TE Part # 536416-5 096 EURO TYPE C PIN BL ASSY	 TE Part # 536742-5 096 EURO TYPE C PIN ST ASSY

Customers Also Bought

 TE Part # 487526-3 2.54mm FFC Connectors Receptacle Housing	 TE Part # 7-2176407-9 3560 4R7 5%	 TE Part # 9908044002 DR-25-TW-1/2-0-SP	 TE Part # 8-1415532-1 RT4S4S15
 TE Part # ADP-SMAM-SMBF-G SMA Plug to SMB Jack	 TE Part # ANT-5GWWS5-SMA Antenna Dipole Blade 5G/LTE Swivel SMA	 TE Part # 2-2176377-5 RQ 0805 237K 0.1% 10PPM 1K RL	

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

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

Product Specifications

48 Pos. Receptacle Connector With 1 x 1 mm ACTION PIN Feature

English

Application Specification

English

Agency Approvals

UL Report

English