

5650473-5 ✓ ACTIVE



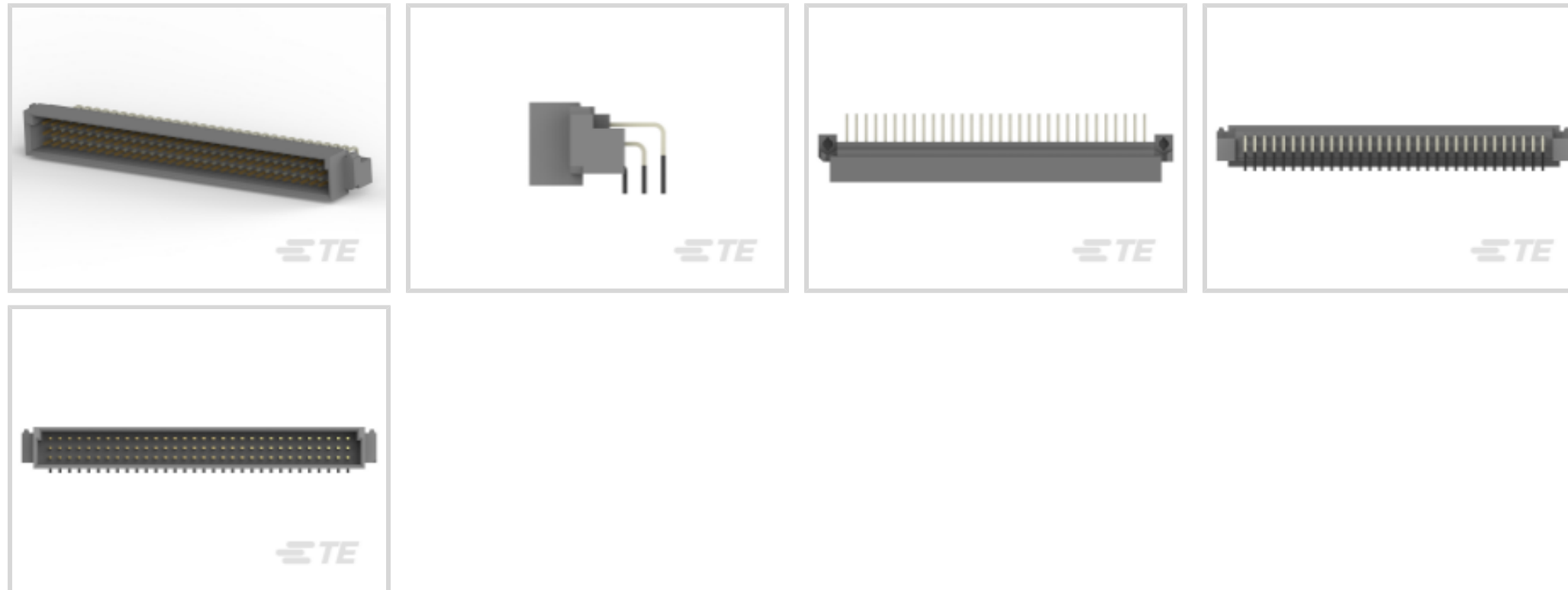
EUROCARD

TE Internal #: 5650473-5

Plug, Board-to-Board, 96 Position, 2.54 mm [.1 in] Centerline,
Printed Circuit Board, 3 Row, Right Angle, 32 Column, Eurocard
Connectors

[View on TE.com >](#)

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Connector & Housing Type: **Plug**

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

Termination Post & Tail Length: **2.64 mm [.104 in]**

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Connector & Housing Type	Plug
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
DIN Size	Standard
DIN Level	II

Configuration Features

Number of Positions	96
Number of Rows	3
PCB Mount Orientation	Right Angle
Number of Columns	32
Number of Signal Positions	96



Rows Loaded	A, B, C
-------------	---------

Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

Body Features

Primary Product Color	Gray
-----------------------	------

Contact Features

Contact Mating Area Plating Material Thickness	.76 μm [30 μin]
--	--

PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm [100 – 200 μin]
---	---

Contact Mating Area Plating Material	Gold
--------------------------------------	------

Contact Base Material	Copper Alloy
-----------------------	--------------

PCB Contact Termination Area Plating Material	Tin
---	-----

Contact Type	Pin
--------------	-----

Contact Current Rating (Max)	1.5 A
------------------------------	-------

Termination Features

Termination Method to PCB	Through Hole - Solder
---------------------------	-----------------------

Termination Post & Tail Length	2.64 mm[.104 in]
--------------------------------	------------------

Mechanical Attachment

Connector Mounting Type	Board Mount
-------------------------	-------------

Panel Mount Feature	Without
---------------------	---------

PCB Mount Retention	Without
---------------------	---------

Mating Retention	Without
------------------	---------

Mating Alignment Type	Polarization
-----------------------	--------------

Mating Alignment	With
------------------	------

PCB Mount Alignment	Without
---------------------	---------

Housing Features

Housing Material	Polymer - GF
------------------	--------------

Centerline (Pitch)	2.54 mm[.1 in]
--------------------	----------------

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
-----------------------------	------------------

Connector Height	11.1 mm[.437 in]
------------------	------------------

Row-to-Row Spacing	2.54 mm[.1 in]
--------------------	----------------

Usage Conditions



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

Operation/Application

Circuit Application	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>](#)



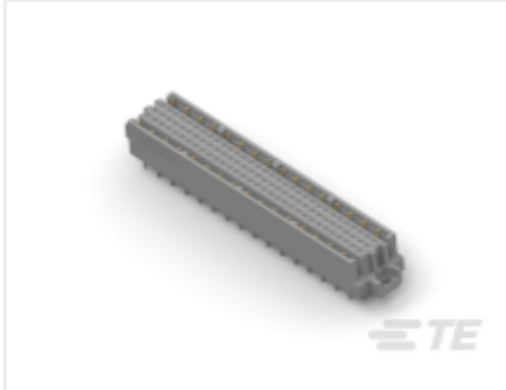
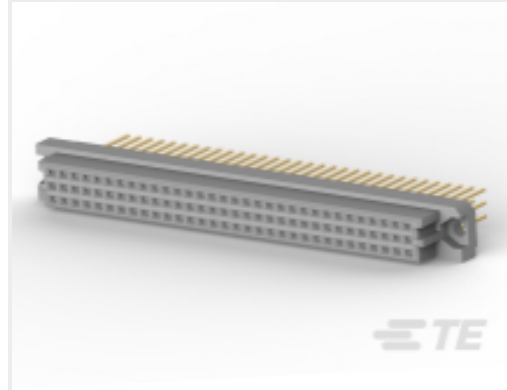
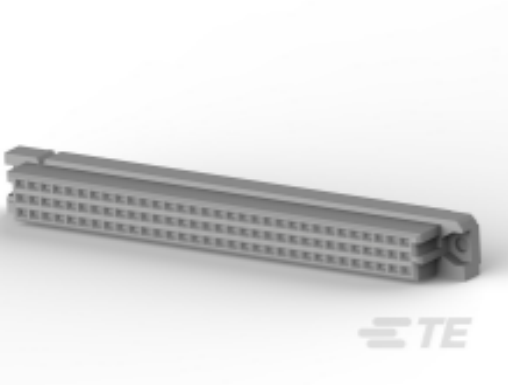
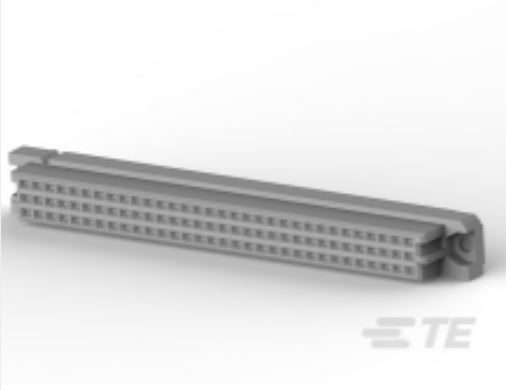

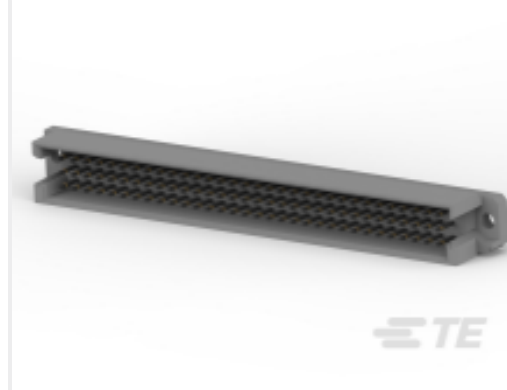

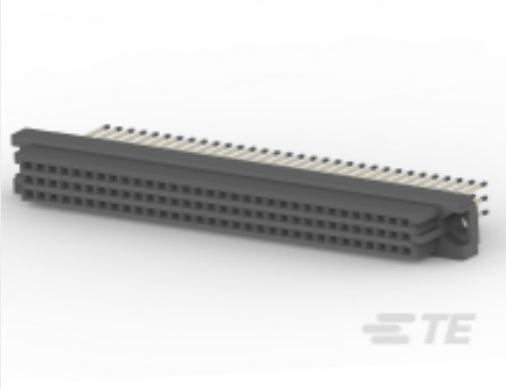




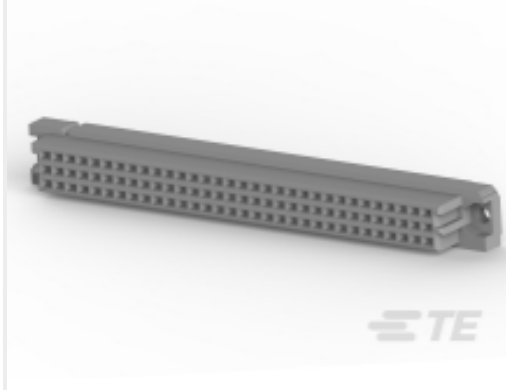
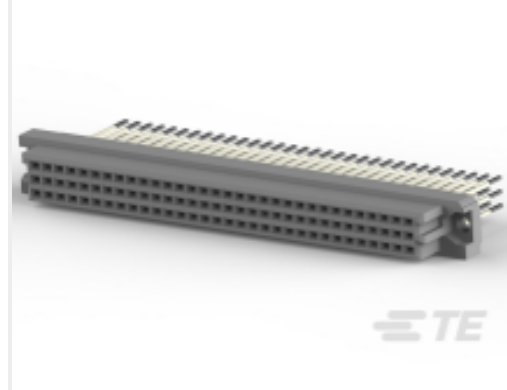

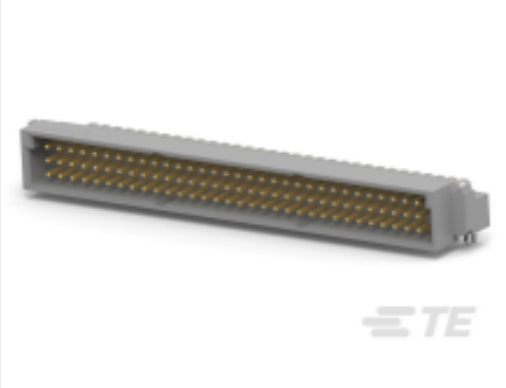

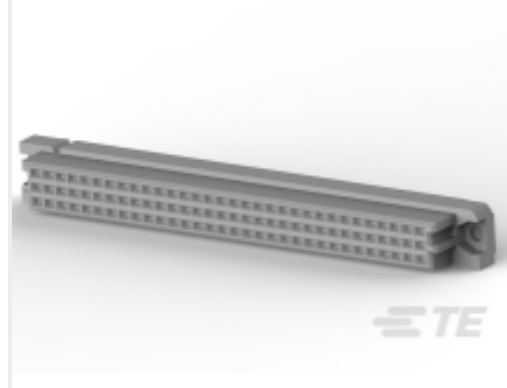
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°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



 <p>TE Part # 5650462-4 ASSY,RECEPTACLE,EUROCARD,TYPE</p>	 <p>TE Part # 5650461-5 ASSY,RECEPTACLE,EUROCARD,TYPE</p>	 <p>TE Part # 650992-5 096 ENHNCD EURO RECEPT AP ASSY</p>	 <p>TE Part # 1-148057-5 096 EURO TYP C RECP 13MM ASSY</p>
 <p>TE Part # 5535043-5 ASSY,RECEPTACLE,EUROCARD,TYPE</p>	 <p>TE Part # 5535089-5 ASSEMBLY,RECEPTACLE,EUROCARD,TYPE</p>	 <p>TE Part # 650473-5 096 EURO TYPE C PIN ST ASSY</p>	 <p>TE Part # 5650908-5 ASSY,PIN,EUROCARD,TYPE R,LEAD-T</p>
 <p>TE Part # 5536412-4 ASSY,RECEPT,EURO,TYPE C,LEAD-FREE,96,.18</p>	 <p>TE Part # 5148057-5 ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE</p>	 <p>TE Part # 5536418-5 ASSY,RECEPT,EURO,TYPE C,LEAD-F</p>	 <p>TE Part # 650947-5 096 EURO TYPE C PIN ST ASSY</p>
 <p>TE Part # 5535090-4 ASSEMBLY,RECEPTACLE,EUROCARD,TYPE</p>	 <p>TE Part # 650461-4 096 EURO TYPE R RECPT ASSY</p>	 <p>TE Part # 535043-4 096 EURO TYPE C RECEPT ST ASSY</p>	 <p>TE Part # 5148059-5 ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE</p>
 <p>TE Part # 5650963-4 ASSY,RECEPTACLE,EUROCARD,TYPE</p>	 <p>TE Part # 5536405-5 ASSY,PIN,EUROCARD,TYPE C,LEAD-</p>	 <p>TE Part # 5650461-4 ASSY,RECEPTACLE,EUROCARD,TYPE</p>	 <p>TE Part # 5535043-4 ASSY,RECEPTACLE,EUROCARD,TYPE</p>

Customers Also Bought



TE Part #5-104652-6
60 50/50 GRID DRST SFMNT RCPT



TE Part #1-201692-1
CNTR FASTENER PLUG BLOCK,104P



TE Part #5535089-5
ASSEMBLY,RECEPTACLE,EUROCARD,
T



TE Part #5535090-5
ASSEMBLY,RECEPTACLE,EUROCARD,
T



TE Part #5148412-5
ASSY,PIN,R.A.,TYPE M,EUROCARD,L-
FREE,60+



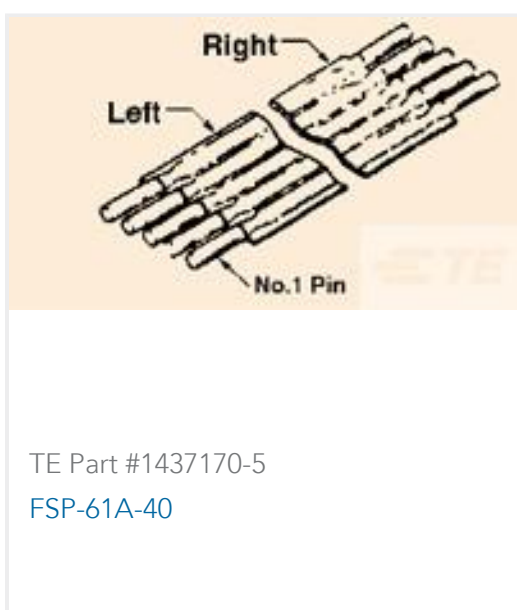
TE Part #350742-1
09P UMNL PIN HDR ASSY 94VO



TE Part #5-794619-4
24P MICRO MNL ASSY,R/A,HDR LF



TE Part #2-5767004-6
MICTOR RECEPT ASSY, 190 POS.



TE Part #1437170-5
FSP-61A-40

Documents

Product Drawings

[ASSY,PIN,EUROCARD,TYPE C,LEAD-](#)

English

[ASSY,PIN,EUROCARD,TYPE C,LEAD-](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5650473-5_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5650473-5_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5650473-5_B.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

Agency Approvals

UL

English