

EUROCARD

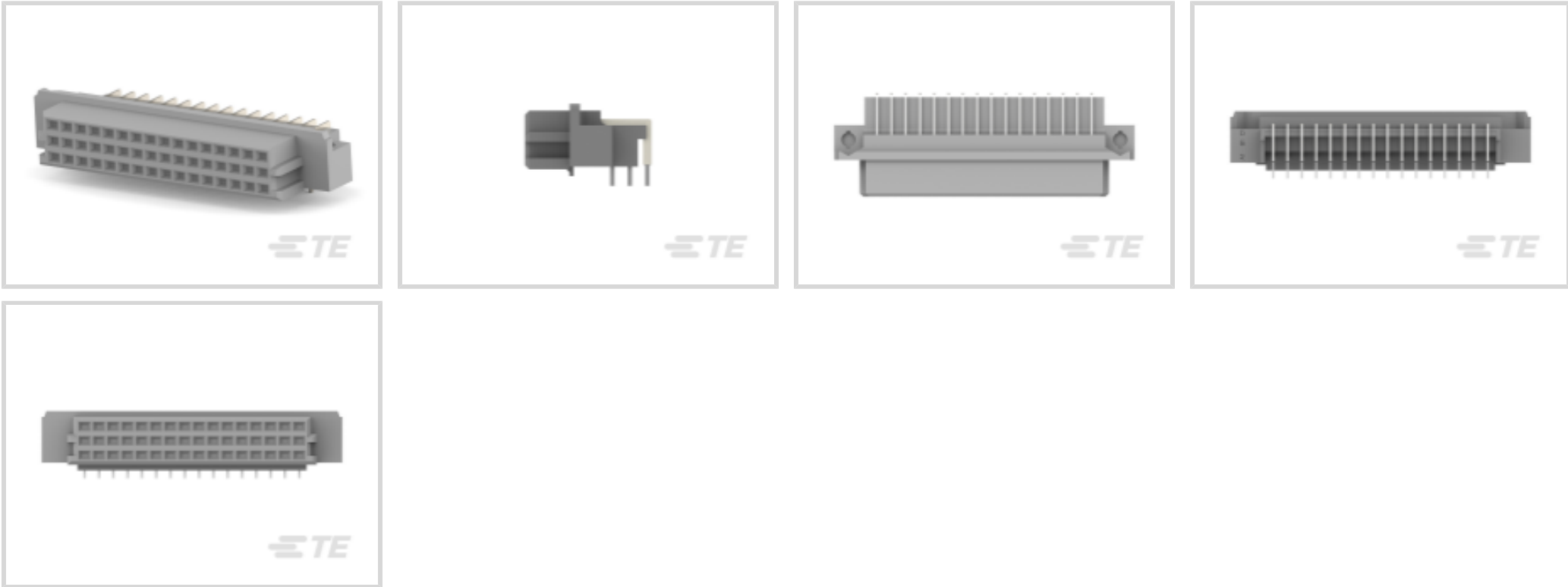
TE Internal #: 5650868-5

Eurocard Connectors, Receptacle, Board-to-Board, 48 Position, .1 in [2.54 mm] Centerline, Printed Circuit Board, 3 Row, Right Angle, 16 Column

[View on TE.com >](#)



Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**
Connector System: **Board-to-Board**
Termination Post & Tail Length: **2.79 mm [.11 in]**
Number of Positions: **48**
Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
DIN Size	Half
DIN Level	II

Configuration Features

Position Locations Loaded	Fully Loaded
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, B, C



Contact Features

Contact Mating Area Plating Material	Gold or Palladium Nickel or Performance Based
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	2.79 mm[.11 in]

Mechanical Attachment

PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Glass-Filled Polymer
Housing Color	Gray
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	Signal

Industry Standards

UL File Number	E28476
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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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	Wave solder capable to 265°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 # 5650916-5 ASSY,PIN,EUROCARD,TYPE C/2,LEA	 TE Part # 5650478-5 ASSY,PIN,EUROCARD,TYPE C/2,LEA	 TE Part # 5148020-5 ASSY,PIN,EURO,"C/2",L-FREE,48
 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 # 650477-5 048 EURO TYPE R PIN ST ASSY



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



TE Part # 650918-5
048 EURO TYPE R PIN AP ASSY



TE Part # 650479-5
048 EURO TYPE R PIN ST ASSY



TE Part # 5535070-5
ASSY,RECEPTACLE,EUROCARD,TYPE



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



TE Part # 5650917-5
ASSY,PIN,EUROCARD,TYPE R/2,LEAD-FREE,48



TE Part # 650917-5
048 EURO TYPE R PIN AP ASSY

Customers Also Bought



TE Part #650868-5
048 EURO TYPE R RECEPT ASSY



TE Part #1SNK505064R0000
ZS4-BR



TE Part #1SNK508911R0000
ES4-D2-SF1



TE Part #1SNK900618R0000
PL5



TE Part #T4161210008-005
RPC-M12-MR-8CON-PVC-5.0SH




TE Part #1SNK148041R0000
MC512PA ground symbol (x100)
Horizontal



TE Part #1SNK900106R0000
CS-R2



TE Part #5223008-8
FB-5R,ASY,240,SIG,REC,EN,3.55



TE Part #1825192-2
TT11DGPC9T1/404

Documents



Product Drawings

ASSY,RECEPTACLE,EUROCARD,TYPE R/2,LEAD-F

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5650868-5_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5650868-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5650868-5_A.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_5650868-5_0412201650_dmtec

English

MD_5650868-5_0412201650_dmtec

English