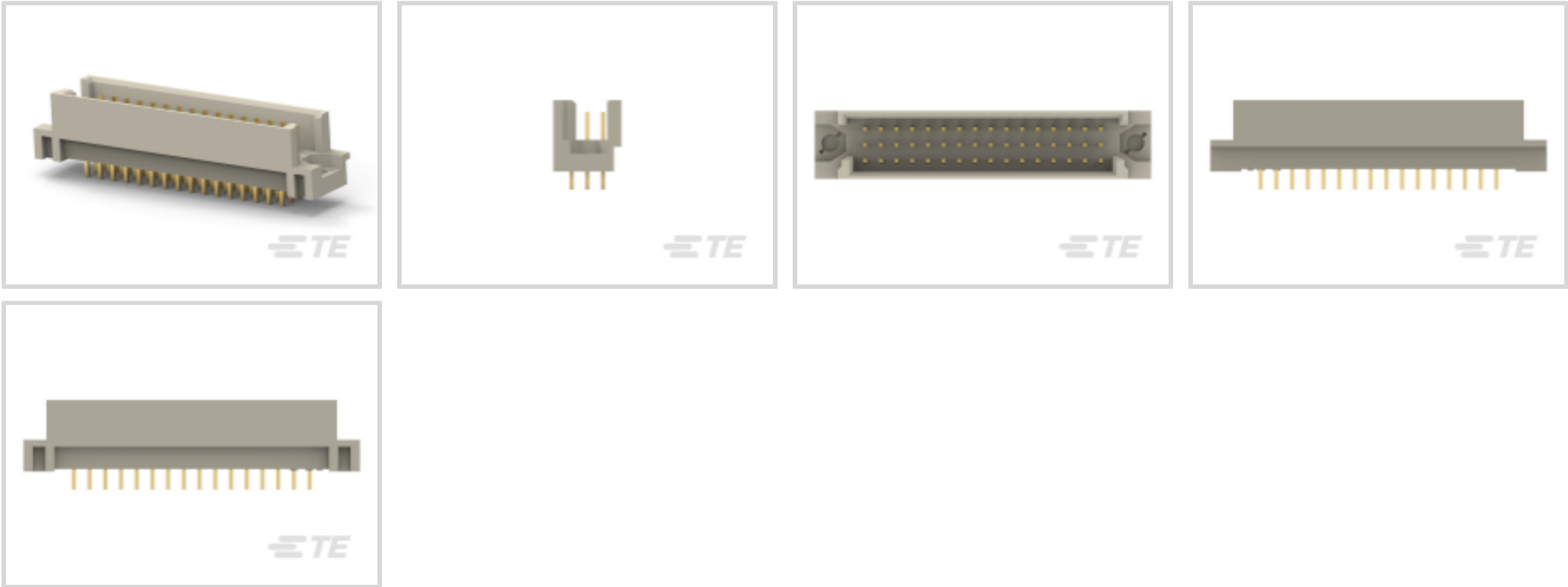




Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Plug**
Connector System: **Board-to-Board**
Termination Post & Tail Length: **2.9 mm [.114 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 Power or Coaxial Positions	2
Number of Positions	48
Number of Rows	3
PCB Mount Orientation	Vertical
Number of Columns	16
Rows Loaded	A, B, C
Number of Signal Positions	48

Body Features



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

Contact Features

Contact Base Material	Phosphor Bronze
Contact Type	Pin
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.9 mm[.114 in]

Mechanical Attachment

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

Housing Features

Housing Material	Thermoplastic PBT GF
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Height	11.51 mm
Row-to-Row Spacing	2.54 mm[.1 in]

Operation/Application

Shielded	No
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Method	Package
------------------	---------

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 2025 (247) 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	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

 TE Part # 1-148008-2 048 EURO TYPE R HI TEMP HSG	 TE Part # 650868-9 048 EURO TYPE R RECEPT ASSY	 TE Part # 5650948-5 ASSY,PIN,EUROCARD,TYPE C/2,LEA	 TE Part # 5650478-5 ASSY,PIN,EUROCARD,TYPE C/2,LEA
 TE Part # 5650868-9 ASSY,RECEPTACLE,EUROCARD,TYPE	 TE Part # 5650868-4 ASSY,RECEPTACLE,EUROCARD,TYPE	 TE Part # 5148020-5 ASSY,PIN,EURO,"C/2",L-FREE,48	 TE Part # 650478-5 048 EURO TYPE C PIN ST ASSY





TE Part # 5650868-5
ASSY,RECEPTACLE,EUROCARD,TYPE R/2,LEAD-F



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



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



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




TE Part # 5650893-4
ASSY,RECEPT,EUROCARD,TYPE R/2,L-FREE,48,




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

Also in the Series | Eurocard Type R



Eurocard Connectors(79)




Standard Edge Connectors(1)

Customers Also Bought



TE Part #4-1623749-7
ER17 33R 5% AMMO



TE Part #5-146315-1
40 MODII 2PC VRM8 HDR W/LATCH, ROHS



TE Part #244840-E
SMCQ 80 M AB VV 8-13 CL * H007 137 E005




TE Part #4-1393240-5
RT334012



TE Part #5-1375583-3
04 MTE VERTICAL SMT HDR 30 AU



TE Part #1-2199230-6
M.2 0.5PITCH 4.2H KEY M 30U AU



TE Part #1955480-1
2X20P MODU 1MM HORIZONTAL, PIN HDR, SMD



TE Part #284311-E
DRCBTB 1,27 50 M BTB325 25,1 137 * 094 T



Documents

Product Drawings

V42254B1201R480=PC612 MESSERLE

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-1393659-6_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1393659-6_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1393659-6_B.3d_stp.zip

English

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