



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	Standard
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
Number of Signal Positions	48
Rows Loaded	A, B, C

Body Features

Primary Product Color	Gray
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Contact Features

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

Termination Features

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

Mechanical Attachment

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

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]

Usage Conditions

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

Shielded	No
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Package
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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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 5650868-5
ASSY,RECEPTACLE,EUROCARD,TYPE R/2,LEAD-F

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

TE Part # 5650868-4
ASSY,RECEPTACLE,EUROCARD,TYPE

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

TE Part # 5650478-5
ASSY,PIN,EUROCARD,TYPE C/2,LEA

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

TE Part # 5148020-5
ASSY,PIN,EURO,"C/2",L-FREE,48

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



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

TE Part # 5650948-5
ASSY,PIN,EUOCARD,TYPE C/2,LEA

TE Part # 5650868-9
ASSY,RECEPTACLE,EUOCARD,TYPE

TE Part # 1-148008-2
048 EURO TYPE R HI TEMP HSG

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

TE Part # 650868-9
048 EURO TYPE R RECEPT ASSY

Also in the Series | Eurocard Type R

Eurocard Connectors(81)

Standard Edge Connectors(1)

Customers Also Bought

TE Part #3-1623728-6
BCHE 11 W 1R2 10%

TE Part #5-103669-2
03 MTE HDR SRST LATCH W/HLDWN

TE Part #1571999-4
ADP02STR04=PIANO DIP SWITCH

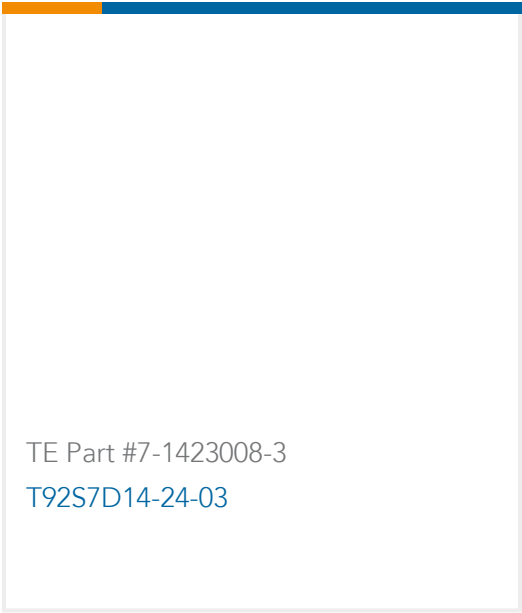
TE Part #4-1416200-6
V23061D1007A301

TE Part #5-147323-9
10 MTE HDR SRRA SMT.100CL

TE Part #1-1623822-8
ER17 SPC 680R 5% AMMO

TE Part #1814425-3
ADF02STTR04900

TE Part #2-2227303-4
CAGE ASSEMBLY, SFP, 1.25MM TAIL



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

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Product Environmental Compliance

MD_2-1393659-6_100920171219_dmtec

English

MD_2-1393659-6_100920171219_dmtec

English