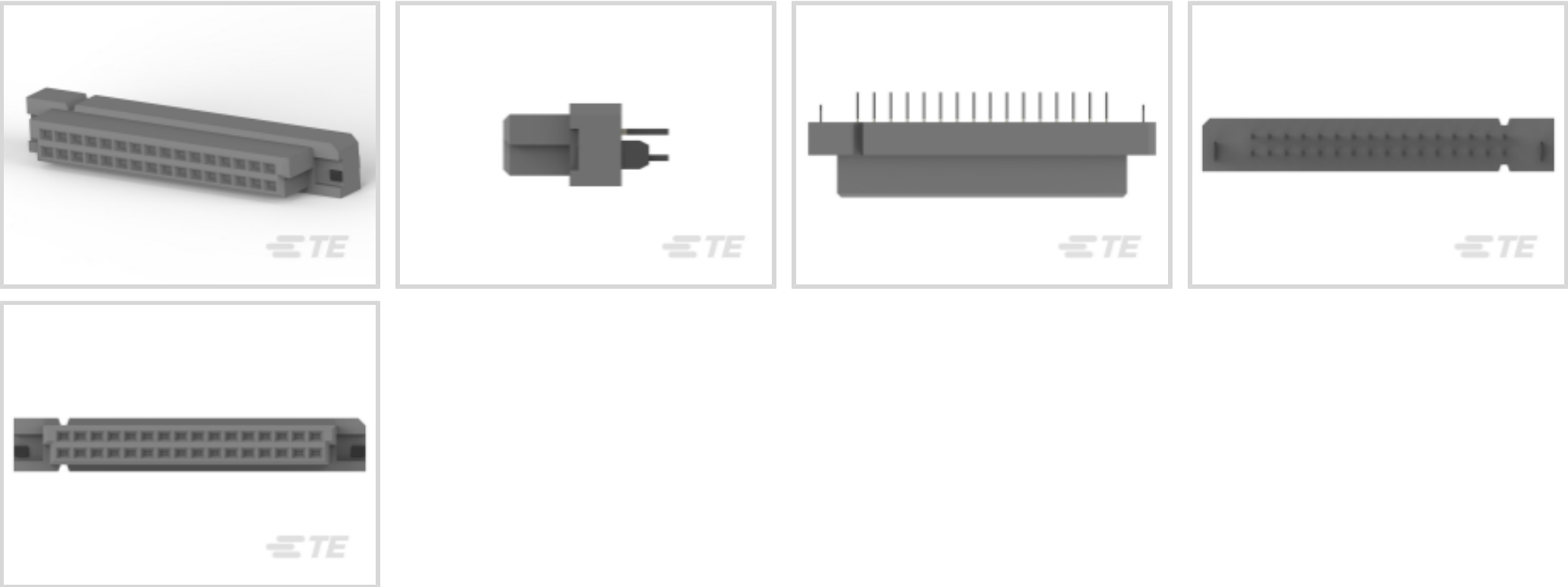




Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**
Connector System: **Board-to-Board**
Termination Post & Tail Length: **4.57 mm [.18 in]**
Number of Positions: **32**
Centerline (Pitch): **2.54 mm [.1 in]**

Features

Electrical Characteristics

Operating Voltage	250 VAC
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Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL E28476, CSA LR7189

Body Features

Primary Product Color	Gray
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Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
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 Layout	Inline
Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy



PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket

Mechanical Attachment

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

Packaging Features

Packaging Method	Package, Box & Tray
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Dimensions

Connector Width	8.05 mm[.317 in]
PCB Thickness (Recommended)	1.57 – 3.18 mm[.062 – .125 in]
Connector Height	11.5 mm[.453 in]
Connector Length	53.34 mm[2.1 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Housing Features

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

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	4.57 mm[.18 in]

Product Type Features

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

Configuration Features



Number of Positions	32
Number of Rows	2
PCB Mount Orientation	Vertical
Number of Columns	16
Number of Signal Positions	32
Rows Loaded	A, B

Usage Conditions

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

Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 536053-5
032 EURO TYPE B PIN ASSY

TE Part # 5536386-5
ASSY,PIN,EUROCARD,TYPE B/2,LEA

TE Part # 536386-5
032 EURO TYPE B PIN BDLK ASSY

TE Part # 5536053-5
ASSY,PIN,EUROCARD,TYPE B/2,LEA

Also in the Series | Eurocard Type B

Eurocard Connectors(34)

Standard Edge Connectors(2)

Customers Also Bought

TE Part #5106015-1
Z-PACK/A RAMH.110P

TE Part #5050864-6
SOCKET,MIN-SPR SN SER-3

TE Part #1658526-4
609-1030LF FEM SOCKET,LEAD FREE

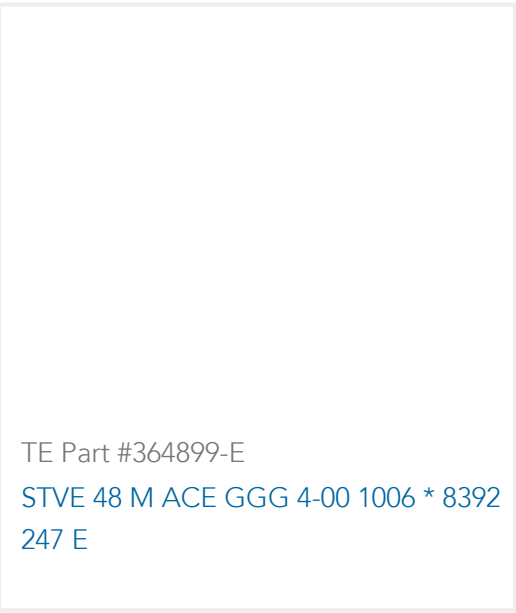
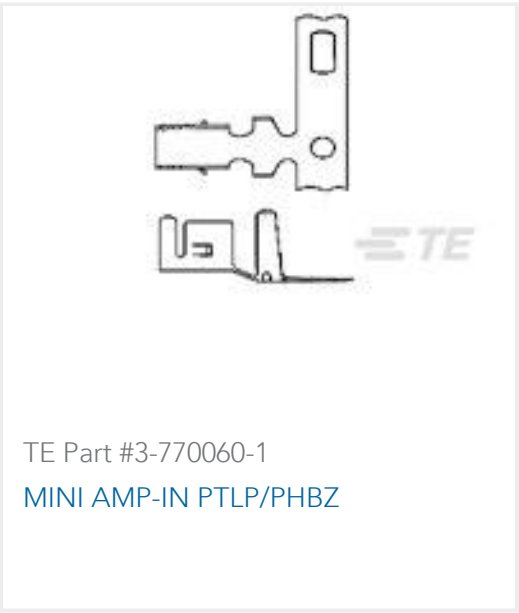
TE Part #5650478-5
ASSY,PIN,EUROCARD,TYPE C/2,LEA

TE Part #1658623-1
10 NOVO MIL 30DP, LEAD FREE

TE Part #5-1437648-7
4PCV-02-006=4PCV ASSEMBLY

TE Part #5-2301995-3
RJ45 JACK INT.MAG. 10/100 LED 1X1 VERT.

TE Part #216398-4
48P.IEC-C MALE CONN



Documents

Product Drawings

ASSY,RECEPT,EURO,TYPE B,LEAD-FREE,32,.18

English

CAD Files

Customer View Model

ENG_CVM_CVM_5536461-5_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5536461-5_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5536461-5_O.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

Agency Approvals

UL

English