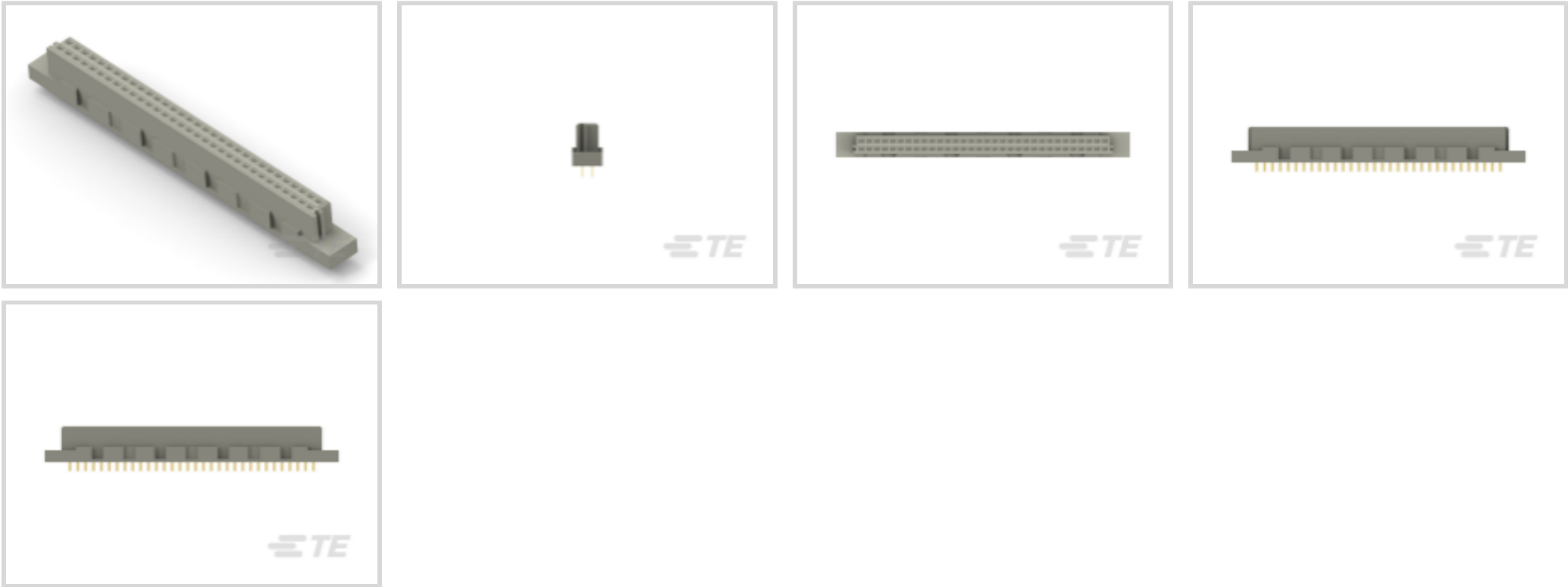




Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**

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

Termination Post & Tail Length: **2.9 mm [.114 in]**

Number of Positions: **64**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

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

Configuration Features

| | |
|----------------------------|----------|
| Number of Positions | 64 |
| Number of Rows | 2 |
| PCB Mount Orientation | Vertical |
| Number of Columns | 32 |
| Number of Signal Positions | 64 |
| Rows Loaded | A, B |

Contact Features

| | |
|---|------------------|
| PCB Contact Termination Area Plating Material Thickness | 2.54 µm[100 µin] |
| Contact Layout | Inline |



| | |
|--|----------------------------------|
| Contact Type | Socket |
| Contact Underplating Material Thickness | 1.27 μm[50 μin] |
| Contact Mating Area Plating Material Thickness | .76 μm[29.92 μin] |
| Contact Mating Area Plating Material | Gold Flash over Palladium Nickel |
| Contact Underplating Material | Nickel |
| PCB Contact Termination Area Plating Material | Tin-Lead |
| Contact Base Material | Phosphor Bronze |

Termination Features

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

Mechanical Attachment

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

Housing Features

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

Dimensions

| | |
|-----------------------------|-------------------|
| Connector Length | 93.98 mm[3.7 in] |
| Connector Height | 11.51 mm[.453 in] |
| Connector Width | 8.05 mm[.317 in] |
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |
| 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

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

Packaging Features

| | |
|------------------|------------------|
| Packaging Method | Box & Tray, Tray |
|------------------|------------------|

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: JUN 2012 (84) SVHC > Threshold: Not Yet Reviewed |
| Halogen Content | Not Yet Reviewed for halogen content |
| 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 536385-5
064 EURO TYPE B PIN BDLK ASSY

TE Part # 536052-5
064 EURO TYPE B PIN ASSY

Also in the Series | Eurocard Type B

Eurocard Connectors(34)

Standard Edge Connectors(2)

Customers Also Bought

TE Part #292175-2
CT BOX HDR V SMT 2P O/TAPE NAT

TE Part #350827-1
06P UMNL HDR ASSY PC 94VO

TE Part #6-1393644-6
V42254B1200B640=PC612 MESSERLE

TE Part #5650963-5
ASSY,RECEPTACLE,EUROCARD,TYPE

TE Part #350761-4
04P UMNL HDR ASSY PC

TE Part #5-2176403-3
3550 150R 1%

TE Part #1-2176404-5
3550 51K 1%

TE Part #1-2176404-6
3550 56K 1%

TE Part #9-1393640-2
V42254B2201C960=PC612 FEDERLEI



Documents

Product Drawings

V42254B2201B640=PC612 FEDERLEI

English

CAD Files

Customer View Model

ENG_CVM_CVM_7-1393640-8_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1393640-8_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1393640-8_A.3d_stp.zip

English

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