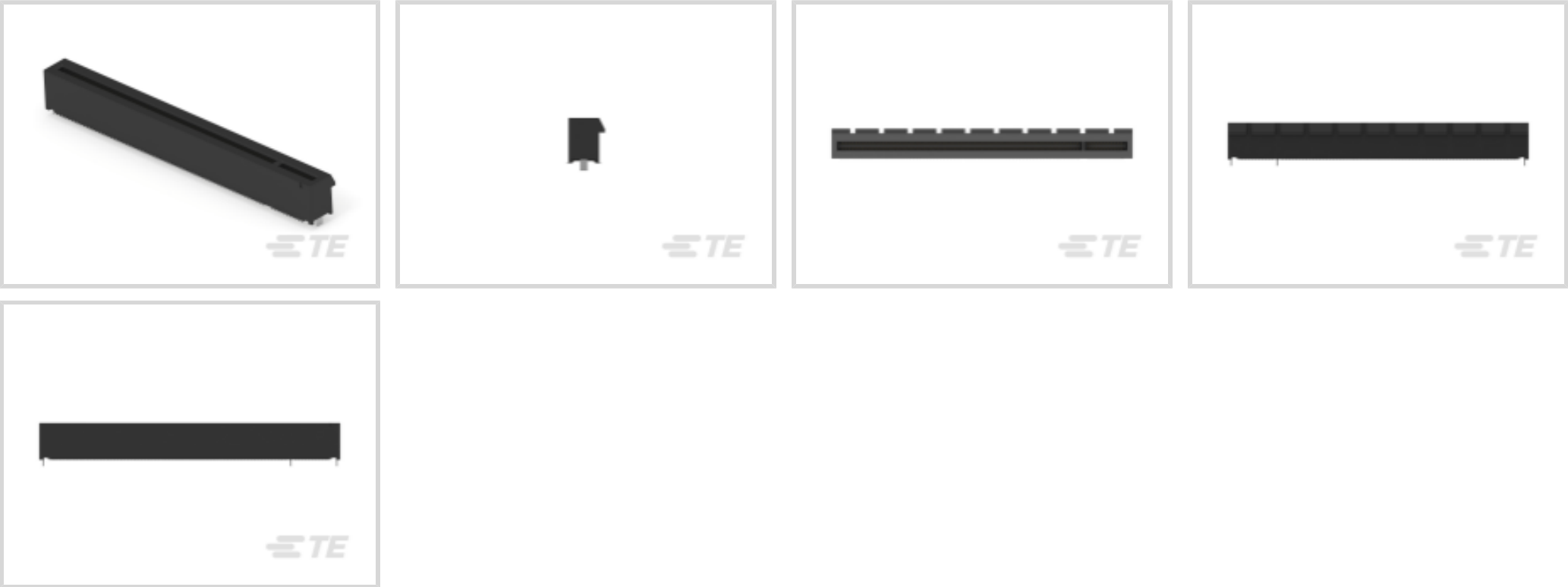




TE Internal #: 5-2378762-4
Board-to-Board, 164 Position, 1 mm [.04 in] Centerline, Vertical,
Black, 11.25 mm [.44 in] Height, 8.2 mm [.32 in] Width, PCI & PCI
Express Connectors
[View on TE.com >](#)

Connectors > PCB Connectors > Card Edge Connectors > PCI & PCI Express Connectors



Connector System: **Board-to-Board**
Number of Positions: **164**
PCI Generation: **5**
Centerline (Pitch): **1 mm [.04 in]**
Termination Post & Tail Length: **1.1 mm [.043 in]**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector System | Board-to-Board |
| Sealable | No |

Configuration Features

| | |
|-----------------------|----------|
| Number of Positions | 164 |
| PCB Mount Orientation | Vertical |
| Ejector | Without |

Body Features

| | |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

| | |
|------------------------------|--------|
| Contact Current Rating (Max) | 1.1 A |
| | 30 µin |

Termination Features

| | |
|---------------------------|---------------|
| Termination Method to PCB | Surface Mount |
|---------------------------|---------------|



| | |
|--------------------------------|-----------------|
| Termination Post & Tail Length | 1.1 mm[.043 in] |
|--------------------------------|-----------------|

Mechanical Attachment

| | |
|--------------------------|-------------|
| Connector Mounting Type | Board Mount |
| PCB Mount Retention Type | Tab |

Housing Features

| | |
|--------------------|--------------|
| Centerline (Pitch) | 1 mm[.04 in] |
|--------------------|--------------|

Dimensions

| | |
|------------------|------------------|
| Connector Height | 11.25 mm[.44 in] |
| Connector Width | 8.2 mm[.32 in] |

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -40 – 85 °C[-40 – 185 °F] |
|-----------------------------|---------------------------|

Operation/Application

| | |
|---------------------|-----------------|
| Circuit Application | High Speed Data |
|---------------------|-----------------|

Industry Standards

| | |
|----------------|---|
| PCI Generation | 5 |
|----------------|---|

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: JAN 2025 (247) 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 | Not reviewed for solder process capability |

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 # 4-2371437-4
PCIE G5 CON,SMT,1.5TAB,164P,15',
10 ML,HT

Customers Also Bought

TE Part #6-1879133-4
RN 0603 4K02 0.1% 10PPM 1K RL

TE Part #4-1415899-9
RZ03-1A3-D012

TE Part #6-534998-0
20 MODIV VRT DR CE 100/125

TE Part #1-2176231-0
3522 24R 1% 3W

TE Part #1-1879220-2
CPF 0603 10K7 0.1% 25PPM 5K RL

TE Part #1623720-4
CCR2 1K0 10%

TE Part #8-1879134-2
RN 0603 68K1 0.1% 10PPM 1K RL

TE Part #4-2176246-9
CRGS2512 5% 10K

TE Part #4-1630019-7
HSC200 20R 5%

TE Part #1623720-3
CCR2 10R 10%

Documents

Product Drawings



PCIE5,SMT,1.9TABX3,164P,30",10 ML,HT

English

CAD Files

Customer View Model

ENG_CVM_CVM_5-2378762-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-2378762-4_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_5-2378762-4_A.2d_dxf.zip

English

3D PDF

3D

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

Product Specifications

Application Specification

English