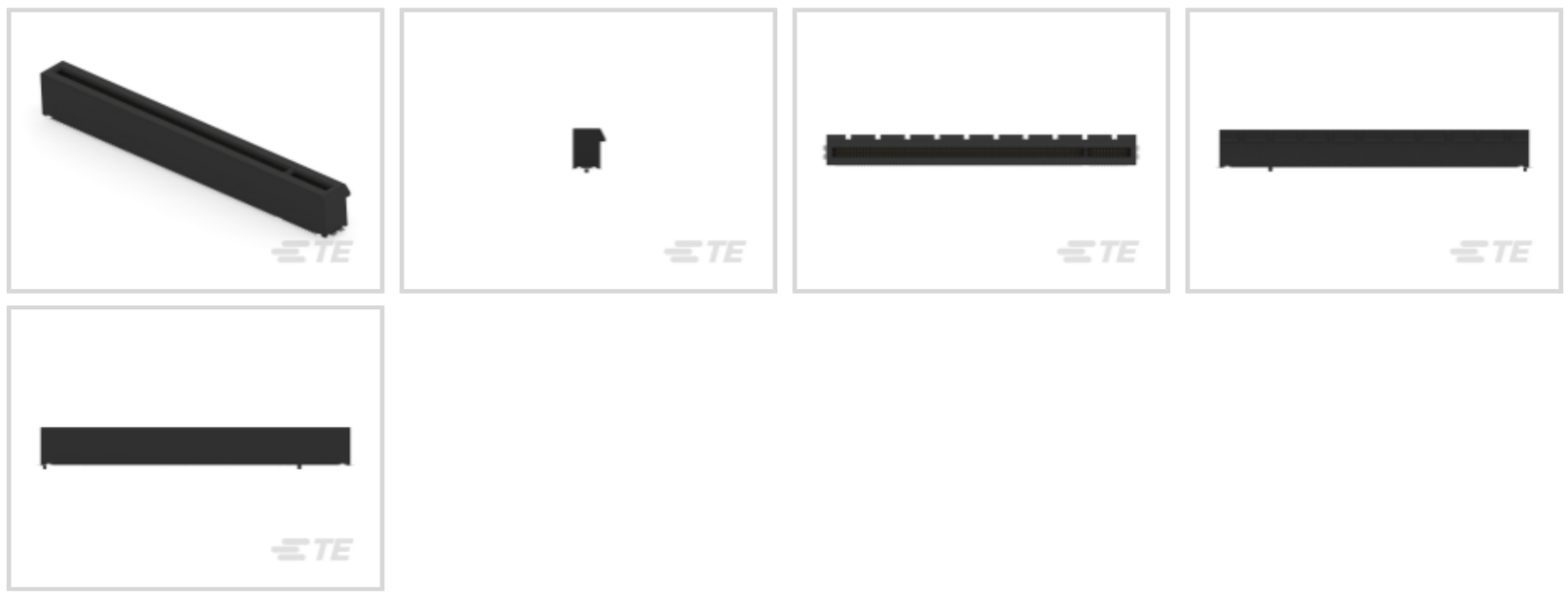
# 5-2364427-4 ✔ ACTIVE

TE Internal #: 5-2364427-4

PCI & PCI Express Connectors, Board-to-Board, 164 Position, .04 in [1 mm] Centerline, Vertical, Black, Height .44 in [11.25 mm], Width . 32 in [8.2 mm]

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 Printed Circuit Board | Surface Mount |

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

### Mechanical Attachment

| | |
|---|---|
| PCB Mount Retention Type | Metal Hold-Down |
| Connector Mounting Type | Board Mount |

### 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>

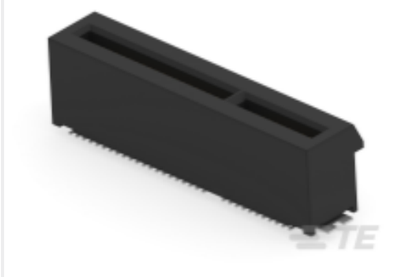
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>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

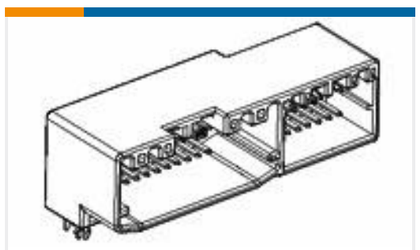


TE Part # 1-2364427-2
PCIE G5 CON,SMT,64P,15",WO MYLAR,ST

## Customers Also Bought



TE Part #2170088-2
ZSFP+ Connector,15u"



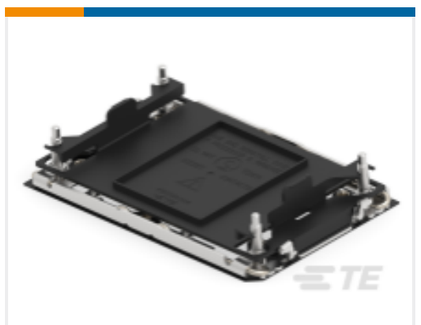
TE Part #9-1438789-2
38way Hybrid .040/2.8 Header Assy



TE Part #1-2324271-4
LEFT SEGMENT LGA4189-4 SOCKET-P4 FOR ODM



TE Part #2-2330550-1
SOCKET P4 BOLSTER PLATE ASSY, W/O COVER



TE Part #2-2351050-5
LGA4677 TFLM ASSY,W/ COVER



TE Part #2291392-1
MALE ASM, 1 POS, R/A, PCB, FAKRA



TE Part #2343428-1
HD+ CE, RA, CRPS



TE Part #2348348-1
ZSFP+ 1X4 CAGE ASSEMBLY, PRESS-FIT, HS



TE Part #5-2355626-1
DDR5 NORMAL BLACK HSG & BLACK LATCH

TE Part #5-2355644-1
DDR5 DIMM SMT_blue hsg&blue latch

## Documents

### Product Drawings

PCIE GEN5 CON,SMT,164P,30u Au,MYLAR,HT

English

## CAD Files

### Customer View Model

ENG_CVM_CVM_5-2364427-4_A.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_5-2364427-4_A.3d_stp.zip

English

### Customer View Model

ENG_CVM_CVM_5-2364427-4_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