# 5-2337939-3 ✔ ACTIVE

TE Internal #: 5-2337939-3

Board-to-Board, 98 Position, 1 mm [.039 in] Centerline, Vertical, Black, Signal, -40 – 85 °C [-40 – 185 °F], 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: **98**

PCI Generation: **4**

Centerline (Pitch): **1 mm [ .039 in ]**

Contact Mating Area Plating Material Thickness: **.76 µm [ 30 µin ]**

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| Number of Positions | 98 |
| PCB Mount Orientation | Vertical |
| Ejector | Without |

### Body Features

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

### Contact Features

| | |
|---|---|
| Contact Current Rating (Max) | 1.1 A |
| Contact Underplating Material | Nickel |
| Contact Mating Area Plating Material | Gold (Au) |
| Contact Base Material | Copper Alloy |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material Thickness | .76 µm[30 µin] |

### Mechanical Attachment

| | |
|---|---|
| Connector Mounting Type | Board Mount |

### Housing Features

| | |
|---|---|
| Centerline (Pitch) | 1 mm[.039 in] |

### Dimensions

| | |
|---|---|
| PCB Thickness (Accepted) | 1.57 mm |

### Usage Conditions

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

### Operation/Application

| | |
|---|---|
| Circuit Application | Signal |

### Industry Standards

| | |
|---|---|
| Bus Type | PCI Express |
| PCI Generation | 4 |

### Packaging Features

| | |
|---|---|
| Packaging Method | Box & 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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

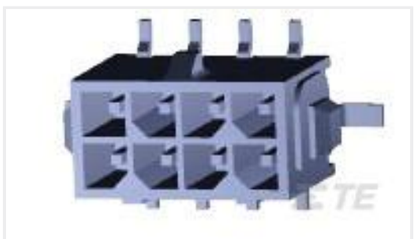


TE Part # 1734774-1
PCI EXP 3.1L 36 POS WHT G/F

## Customers Also Bought



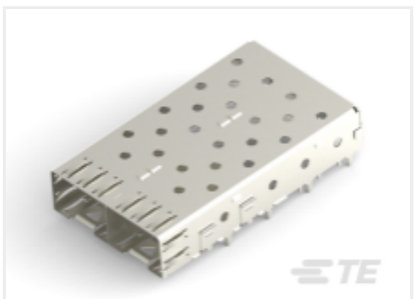
TE Part #3-647168-3
03P MTA100 HDR ASSY SM 30AU LF



TE Part #3-794637-8
08P MICRO MNL ASSY,VRT,SMT LF



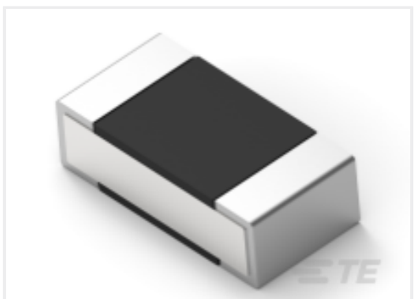
TE Part #8-1734774-0
PCI EXP 2.3L 64 POS BLK G/F



TE Part #1761014-3
SFP 1X2 CAGE ASSY, PRESS FIT



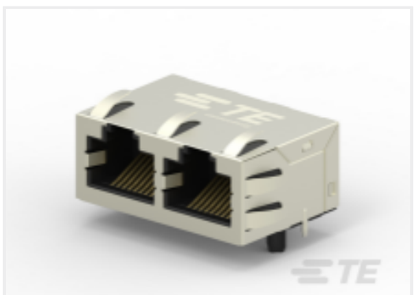
TE Part #1888250-1
Low Profile,RJ45,1x1,GRN/YEL



TE Part #9-2176306-1
RP 1E 0.1W 10K 0.1% 25PPM 5K RL



TE Part #2187687-1
SW PIR RECT, 85OHM, 6X4, 50AU



TE Part #2301996-3
RJ45 JACK INT.MAG. 1GB 1X2 INV.



TE Part #2327672-1
RECEPT ASSY, RA, 56 POS, SLIVER 2.0



TE Part #5787617-1
RECP ASSY, R/A, STACKED, THRU-HOLE, USB,

## Documents

CAD Files

3D PDF

## 3D

### Customer View Model

ENG_CVM_CVM_5-2337939-3_A.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_5-2337939-3_A.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_5-2337939-3_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Product Specifications

### Product Specification

English

### Product Specification

English

## Agency Approvals

### UL Report

English

### UL Report

English