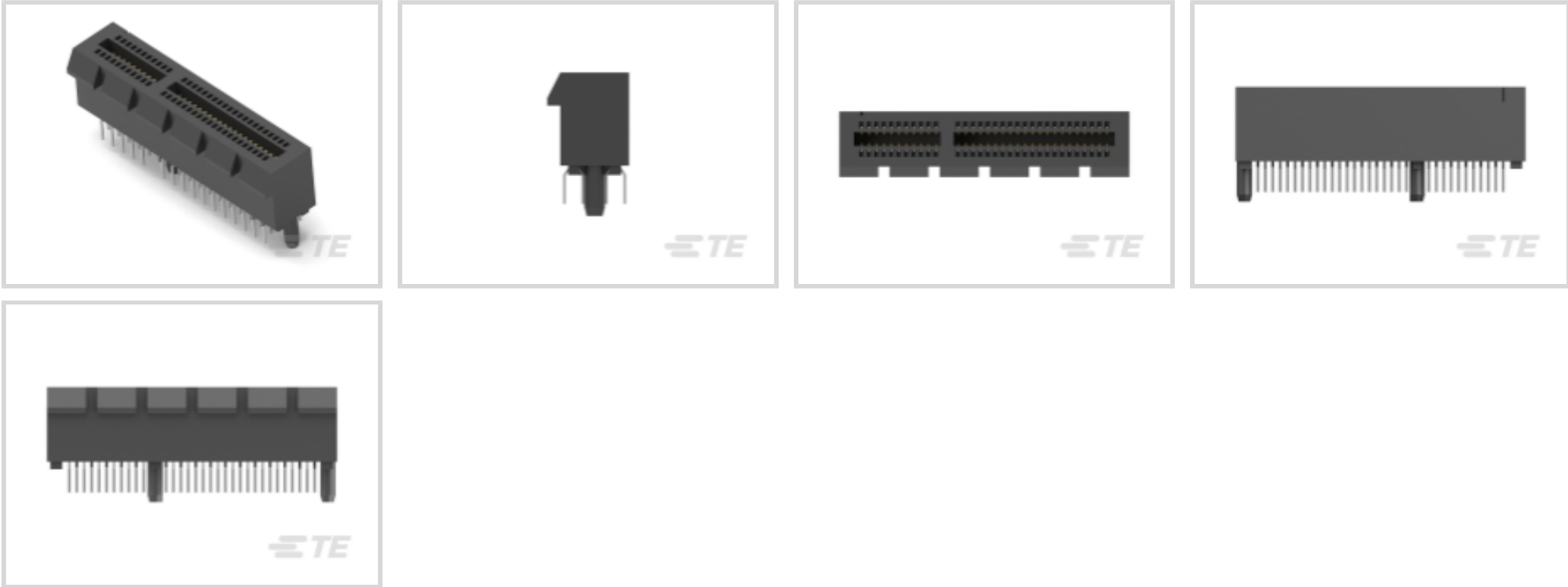# 6-1734774-9 ✓ ACTIVE

TE Internal #: 6-1734774-9

Cable-to-Board, 64 Position, 1 mm [.039 in] Centerline, Vertical, Black, Height 10 mm [.394 in], Width 8.8 mm [.346 in], PCI & PCI Express Connectors

View on TE.com >

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

Number of Positions:  **64**

PCI Generation:  **2**

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

Termination Post & Tail Length:  **3.1 mm [ .122 in ]**

## Features

### Product Type Features

| | |
|---|---|
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector System | Cable-to-Board |

### Configuration Features

| | |
|---|---|
| Number of PCB Mount Retention Features | 2 |
| Number of Positions | 64 |
| PCB Mount Orientation | Vertical |
| Ejector | Without |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 50 VAC |

### Body Features

| | |
|---|---|
| Product Weight | 3.9 g[.138 oz] |
| Primary Product Color | Black |

### Contact Features

| | |
|---|---|
| PCB Contact Termination Area Plating Material Thickness | 2.54 µm |

6-1734774-9

Cable-to-Board, 64 Position, 1 mm [.039 in] Centerline, Vertical, Black, Height 10 mm [.394 in], Width 8.8 mm [.346 in], PCI & PCI Express Connectors

| | |
|---|---|
| Contact Mating Area Plating Material | Gold |
| PCB Contact Termination Area Plating Material Finish | Matte |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Base Material | Phosphor Bronze |
| Contact Current Rating (Max) | 1.1 A |
| | 30 µin |

## Termination Features

| | |
|---|---|
| Termination Method to PCB | Through Hole - Solder |
| Termination Post & Tail Length | 3.1 mm[.122 in] |

## Mechanical Attachment

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

## Housing Features

| | |
|---|---|
| Housing Material | PA 46 |
| Centerline (Pitch) | 1 mm[.039 in] |

## Dimensions

| | |
|---|---|
| Connector Length | 39 mm[1.535 in] |
| PCB Thickness (Accepted) | 1.57 mm[.062 in] |
| PCB Thickness (Recommended) | 2.39 mm[.094 in] |
| Connector Height | 10 mm[.394 in] |
| Connector Width | 8.8 mm[.346 in] |

## Usage Conditions

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

## Industry Standards

| | |
|---|---|
| Bus Type | PCI Express |
| PCI Generation | 2 |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 60 |
| Packaging Method | Box & Tray, Tray |

## Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |

Cable-to-Board, 64 Position, 1 mm [.039 in] Centerline, Vertical, Black, Height 10 mm [.394 in], Width 8.8 mm [.346 in], PCI & PCI Express Connectors

| 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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 # 5-2337939-4
PCIE GEN4 CON,SMT,164POS,30u", MYLAR,HT



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

## Customers Also Bought



TE Part #1-1462037-6
IM03JR=IM RELAY 140mW 5V



TE Part #4-641208-0
10P MTA156 HDR ASSY FL ST LF



TE Part #1734100-5
Champ050 series,50pos,Au over PdNi



TE Part #1586041-6
6P VAL-U-LOK R/A HDR V2

Cable-to-Board, 64 Position, 1 mm [.039 in] Centerline, Vertical, Black, Height 10 mm [.394 in], Width 8.8 mm [.346 in], PCI & PCI Express Connectors

TE Part #4-794620-0
10P MICRO MNL ASSY,R/A,HDR,LF

TE Part #1676272-2
RN 0805 26K7 0.1% 10PPM 1KRL

TE Part #1-2176325-9
CRGP 0402 330R 1%

TE Part #6437288-6
26POS,AMP SUPERSEAL 1.0MM,PIN HSG ASSY

TE Part #6-147323-1
12 MTE HDR SRRA SMT.100CL

## Documents

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-1734774-9_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-1734774-9_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-1734774-9_F.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