TE Internal #: 9-1734774-5

Cable-to-Board, 98 Position, 1 mm [.039 in] Centerline, Vertical, Black, 10 mm [.394 in] Height, 8.8 mm [.346 in] Width, PCI & PCI

**Express Connectors** 

View on TE.com >



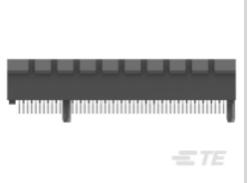
Connectors > PCB Connectors > Card Edge Connectors > PCI & PCI Express Connectors











Connector System: Cable-to-Board

Number of Positions: 98

PCI Generation: 2

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

Termination Post & Tail Length: 2.3 mm [.091 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                    | 98                    |
| PCB Mount Orientation                  | Vertical              |
| Ejector                                | Without               |
| Electrical Characteristics             |                       |
| Operating Voltage                      | 50 VAC                |
| Body Features                          |                       |
| Product Weight                         | 5.5 g[.194 oz]        |
| Primary Product Color                  | Black                 |
| Contact Features                       |                       |

1.1 A

Contact Current Rating (Max)



| PCB Contact Termination Area Plating Material Thickness | 2.54 μm         |
|---|-----------------|
| Contact Mating Area Plating Material                    | Gold (Au)       |
| Contact Base Material                                   | Phosphor Bronze |
| PCB Contact Termination Area Plating Material           | Tin             |
| PCB Contact Termination Area Plating Material Finish    | Matte           |
|   | 30 μin          |
| Termination Features                                    |                 |

| Termination Method to PCB      | Through Hole - Solder |
|--------------------------------|-----------------------|
| Termination Post & Tail Length | 2.3 mm[.091 in]       |

#### Mechanical Attachment

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

#### **Housing Features**

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

#### **Dimensions**

| PCB Thickness (Recommended) | 1.6 mm[.063 in]  |
|-----------------------------|------------------|
| PCB Thickness (Accepted)    | 1.57 mm[.062 in] |
| Connector Length            | 56 mm[2.205 in]  |
| Connector Height            | 10 mm[.394 in]   |
| Connector Width             | 8.8 mm[.346 in]  |

## **Usage Conditions**

## **Industry Standards**

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

#### **Packaging Features**

| Packaging Method   | Box & Tray, Tray |
|--------------------|------------------|
| Packaging Quantity | 40               |

# **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                   | Not Yet Reviewed   |
|---|--|
| 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: JUNE 2024 (241) 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**





# Customers Also Bought

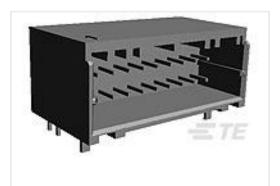












TE Part #2-1827876-2 DYNAMIC 1200D HDR ASSY H 4P Y **BLACK GOLD** 





PTL 1X4 PCB HEADER VERT HITEMP KEY B RED







#### **Documents**

#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_9-1734774-5\_F.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_9-1734774-5\_F.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_9-1734774-5\_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