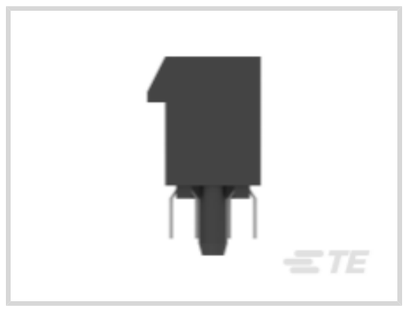
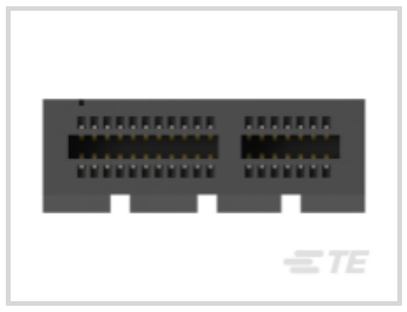
6-1734774-7 ✔ ACTIVE

TE Internal #: 6-1734774-7

Cable-to-Board, 36 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 >

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



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

Number of Positions: **36**

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	36
PCB Mount Orientation	Vertical
Ejector	Without

Electrical Characteristics

Operating Voltage	50 VAC

Body Features

Product Weight	2.55 g[.09 oz]
Primary Product Color	Black

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 µm

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	25 mm[.984 in]
PCB Thickness (Accepted)	1.57 mm[.062 in]
PCB Thickness (Recommended)	2.4 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	70
Packaging Method	Box & Tray, 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	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: JUNE 2024 (241) 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



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 #2-1445057-2
MICRO MNL HDR ASSY SINGLE ROW



TE Part #1622829-1
CRG0603 1% 10K



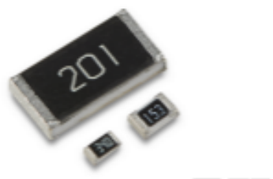
TE Part #1676357-2
RN 0805 4K32 0.1% 10PPM 1KRL



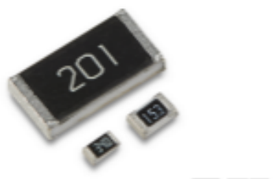
TE Part #3-2176325-0
CRGP 0402 2K7 1%



TE Part #5-2176325-6
CRGP 0402 390K 1%



TE Part #3-2176325-1
CRGP 0402 3K3 1%



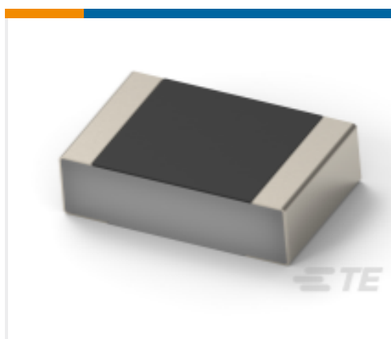
TE Part #5-2176326-8
CRGP 0603 560K 1%



TE Part #2170744-1
CAGE ASSEMBLY, 1X4, QSFP28, SPRING



TE Part #5-1879207-2
RN 0603 340K 0.1% 10PPM 5K RL



TE Part #7-2176453-1
CPF 0201 30K9 0.1% 25ppm 1K RL

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_6-1734774-7_F.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_6-1734774-7_F.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_6-1734774-7_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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1969656-1 3430B2F51RTDF 3631B101LL 2380312-2 650075-000 RH73H2A40MKTN ROX05SJ18R 1743455-2 175977-2 2005330-1 2310537-1 936348-1 MPT100C18RF SBCHE154R7K 141991-2 2-292161-3 917696-1 2377783-2 1393431-1 3-1393225-0 CPF0402B37K4E1 CRGCQ2010J3K3 SMW73R0JT 1-794222-0 TE50BR39J SBCHE64R7K 2834055-1 U5254-000005-030PA 1-962915-1 1903112-2