5-2378762-4 ✔ ACTIVE

TE Internal #: 5-2378762-4

Board-to-Board, 164 Position, 1 mm [.04 in] Centerline, Vertical, Black, 11.25 mm [.44 in] Height, 8.2 mm [.32 in] Width, 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: **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
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]

Termination Features

Termination Method to PCB	Surface Mount

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

Mechanical Attachment

Connector Mounting Type	Board Mount
PCB Mount Retention Type	Tab

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	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) Candidate List Declared Against: JUNE 2025 (250) 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

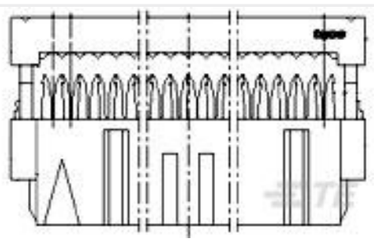
limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration 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 # 4-2371437-4
PCIE G5 CON,SMT,1.5TAB,164P,15', 10 ML,HT

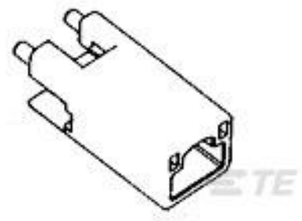
Customers Also Bought



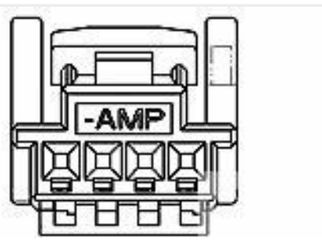
TE Part #2-215882-6
26 WAY BLACK MK II RECP



TE Part #1-329632-2
LOCKWASHER, PLATED



TE Part #1376515-1
025 4P V CAP HSG ASSY



TE Part #1473672-1
025 PLUG ASSY



TE Part #1-1618002-8
EV200HAANA=RELAY, SPST-NO WITH



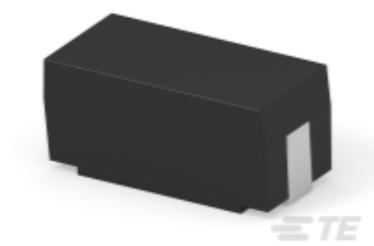
TE Part #8-1622826-2
CRG0402 1% 22R



TE Part #1-1734248-5
1.0 FPC, ZIF V/T, SMT, 15P



TE Part #3-2176337-0
CRGCQ 0402 2K7 1%



TE Part #5-2176619-1
SMQF2W 39K 5%



TE Part #2-1734742-8
.5 FPC VT ZIF Type-A 28 CONT

Documents

Product Drawings

PCIE5,SMT,1.9TABX3,164P,30",10 ML,HT

English

CAD Files

Customer View Model

ENG_CVM_CVM_5-2378762-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-2378762-4_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_5-2378762-4_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