2340165-1 ✔ ACTIVE

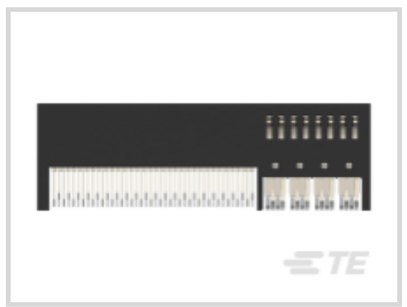
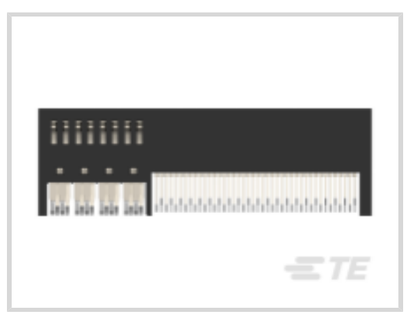
TE Internal #: 2340165-1

Board-to-Board Card Edge Power Connector, 92 Position, 5.08 mm [.2 in] Centerline, Power & Signal, 8 Power Positions, 84 Signal Positions

View on TE.com >

Connectors > PCB Connectors > Card Edge Connectors > Card Edge Power Connectors



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

Number of Positions: **92**

Centerline (Pitch): **5.08 mm [.2 in]**

Contact Current Rating (Max): **31 A**

Circuit Application: **Power & Signal**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board
Card Edge Type	HD+

Configuration Features

Number of Positions	92
Number of Power Positions	8
Number of Signal Positions	84
Number of Dual Positions	46

Electrical Characteristics

Operating Voltage	100 V

Contact Features

Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Current Rating (Max)	31 A
Contact Mating Area Plating Material	Gold (Au)

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	5.08 mm[.2 in]

Dimensions

Power Contact Centerline	5.08 mm[.2 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Product Compliance

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

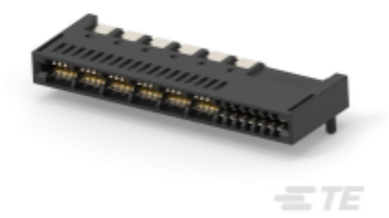
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 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 # 2343428-1
HD+ CE, RA, CRPS

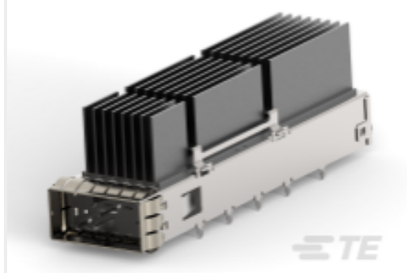
Customers Also Bought

TE Part #284052-E
SRCA 2,54 3 M 1 SMD 137 E1 094 * GURT *

TE Part #2170806-1
CAGE ASSEMBLY, 1X2, QSFP28, SPRING, HS

TE Part #2318579-2
RCPT CONN R/A SMT 76 POSN QSFP-DD WSHRS

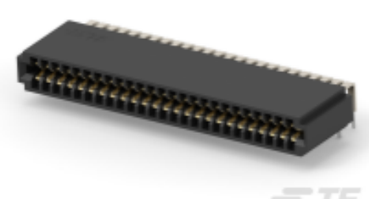
TE Part #2-2340321-1
ASSY STRADDLE MOUNT 168P 093 SLIVER 2.0



TE Part #2342933-3
QSFP-DD 1X1, STANDARD, W/ EXTRUDED HS

TE Part #5-2342933-4
QSFP-DD 1X1, W/ CUTOUT, W/ EXTRUDED HS

TE Part #2-2347090-1
SOCKET 4677 DG1.0 FOR ODM



TE Part #2358256-1
SBCE, 2X25P

TE Part #2418031-1
MCIO 8X STR to MCIO 8X STR

TE Part #2379420-2
SOCKET E1 TFLM KIT W/ COVER

Documents

Product Drawings

2X4P-2X42S, STRADDLE, HD+ CE

English

CAD Files

Customer View Model

ENG_CVM_CVM_2340165-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2340165-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2340165-1_A.3d_igs.zip

English

3D PDF

3D

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English