2372133-2 ✔ ACTIVE

TE Internal #: 2372133-2

QSFP-DD, Connector, Cable-to-Board, 76 Position, .8 mm [.032 in] Centerline, Printed Circuit Board, Data Rate (Max) 112 Gb/s, High Speed Data

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Connectors > Pluggable IO Connectors & Cages > QSFP-DD







Pluggable I/O Product Type: **Connector**

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

Number of Positions: **76**

Centerline (Pitch): **.8 mm [.032 in]**

Sealable: **No**

Features

Product Type Features

Form Factor	QSFP-DD
Pluggable I/O Product Type	Connector
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	76

Electrical Characteristics

Data Rate (Max)	112 Gb/s

Contact Features

Tail Plating Material	Tin over Nickel
PCB Contact Termination Area Plating Material	Gold
Contact Current Rating (Max)	.5 A

Termination Features

Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	.8 mm[.032 in]

Dimensions

PCB Thickness (Recommended)	2.2 mm[.086 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

For Use With Pluggable I/O Products	QSFP DD Connector and Cable
Pluggable I/O Applications	QSFP DD
Circuit Application	High Speed Data

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tape & Reel

Other

Enhancements	Standard

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 2342933-1
QSFP-DD 1X1, STANDARD, W/ EXTRUDED HS



TE Part # 2342934-1
QSFP-DD 1X1, STANDARD, W/ ZIPPER HS



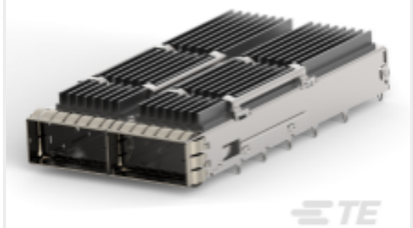
TE Part # 2323765-1
DD-DD, 32AWG 2-8PR, 0.5M



TE Part # 2342886-1
CAGE ASSY 1X3 QSFP-DD HS EXTRUTION PCI



TE Part # 2342891-1
CAGE ASSY 1X6 QSFP-DD HS EXTRUTION PCI



TE Part # 2342935-1
QSFP-DD 1X2, STANDARD, W/ EXTRUDED HS



TE Part # 2343987-3
RECEPT CAGE ASSY 1X5 QSFP-DD W HS



TE Part # 2343989-2
RECEPT CAGE ASSY 1X4 QSFP-DD W HS

Documents

Product Drawings

RCPT CONN 76 POSN QSFP-DD 112

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2372133-2_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2372133-2_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2372133-2_1.3d_stp.zip

English

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Product Specifications

Application Specification

English