# 2323767-3 ✔ ACTIVE

QSFP-DD

TE Internal #: 2323767-3

QSFP-DD Cable Assembly, 32 Positions, 6.56 ft [2 m], 56 Gb/s, Black Cable, Shielded, 28 AWG, .32 mm², Madison TurboTwin - Round Jacketed, QSFP-DD Plug

View on TE.com >

Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies







Cable Assembly Type: **QSFP-DD**

Wire Size: **.32 mm²**

Outside Cable Diameter: **7.69 mm [ .303 in ]**

Shielded: **Yes**

## Features

### Product Type Features

| | |
|---|---|
| Latching Style | Pull Tab Release |
| Cable Assembly Category | High Speed |
| Cable Assembly Type | QSFP-DD |
| Connector Type (End A) | QSFP-DD Plug |
| Connector Type (End B) | QSFP-DD Plug |
| Cable Style | Madison TurboTwin - Round Jacketed |

### Configuration Features

| | |
|---|---|
| Number of Positions | 32 |
| Number of Pairs | 16 |
| Number of Signal Positions | 32 |

### Electrical Characteristics

| | |
|---|---|
| Impedance | 100 Ω |

### Signal Characteristics

| | |
|---|---|
| Data Rate | 56 Gb/s |

## Body Features

| | |
|---|---|
| Jacket Material | PVC |
| Cable Color | Black |
| Cable Flammability Rating | VW-1 |

## Mechanical Attachment

| | |
|---|---|
| Mating Alignment | Without |

## Housing Features

| | |
|---|---|
| Housing Material | Zinc Alloy |

## Dimensions

| | |
|---|---|
| Wire Size | .32 mm² |
| Outside Cable Diameter | 7.69 mm[.303 in] |

## Operation/Application

| | |
|---|---|
| Shielded | Yes |
| Halogen Free | No |

## Other

| | |
|---|---|
| Cable Assembly Configuration | Double Ended |
| Cable Assembly Length | 2 m[6.56 ft] |

# Product Compliance

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

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2023 (235)<br>Candidate List Declared Against: JAN 2023 (233)<br>SVHC > Threshold:<br>TBPH (15% in Component Part)<br>**Article Safe Usage Statements:**<br>Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not reviewed for solder process capability |

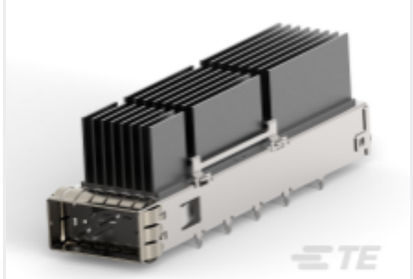
Product Compliance Disclaimer

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



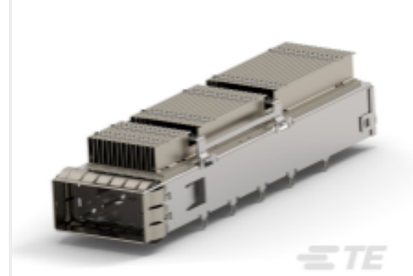
TE Part # 2342933-1
QSFP-DD 1X1, STANDARD, W/ EXTRUDED HS



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



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



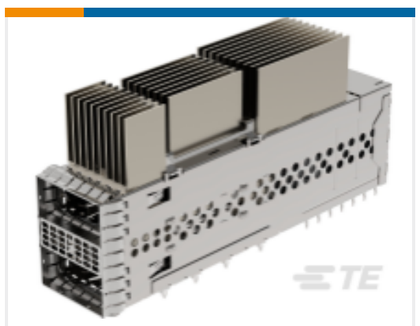
TE Part # 2342934-2
QSFP-DD 1X1, STANDARD, W/ ZIPPER HS



TE Part # 2318579-1
RCPT CONN R/A SMT 76 POSN QSFP-DD



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



TE Part # 2340397-1
CAGE ASSY W/ HS SPRING 2X1 QSFP-DD



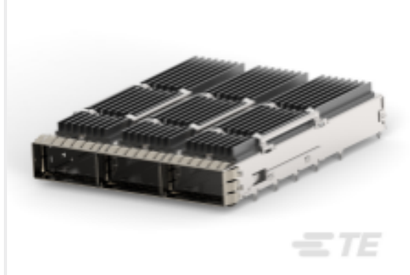
TE Part # 2340397-2
CAGE ASSY W/ HS SPRING 2X1 QSFP-DD



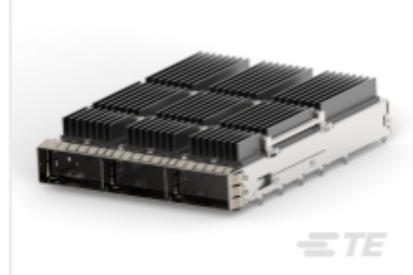
TE Part # 2340397-3
CAGE ASSY W/ HS SPRING 2X1 QSFP-DD



TE Part # 2340397-4
CAGE ASSY W/ HS SPRING 2X1 QSFP-DD



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



TE Part # 2342886-2
CAGE ASSY 1X3 QSFP-DD HS EXTRUTION SAN



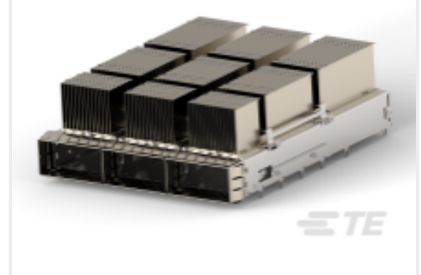
TE Part # 2342886-3
CAGE ASSY 1X3 QSFP-DD HS EXTRUTION NET



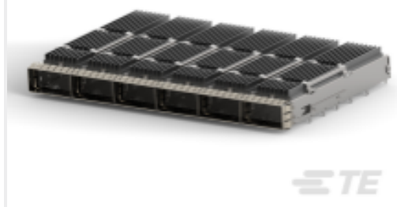
TE Part # 2342888-1
CAGE ASSY 1X3 QSFP-DD HS STACK PCI



TE Part # 2342888-2
CAGE ASSY 1X3 QSFP-DD HS STACK SAN



TE Part # 2342888-3
CAGE ASSY 1X3 QSFP-DD HS STACK SAN



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



TE Part # 2342891-2
CAGE ASSY 1X6 QSFP-DD HS EXTRUTION SAN



TE Part # 2342891-3
CAGE ASSY 1X6 QSFP-DD HS EXTRUTION NET



TE Part # 2342892-1
CAGE ASSY 1X6 QSFP-DD HS STACK PCI

## Also in the Series | QSFP-DD



Pluggable I/O Cable Assemblies(41)



QSFP-DD(36)

## Customers Also Bought



TE Part #2053453-8
QSFP-Four SFP+ I/O Cable Assembly 30 AWG



TE Part #2205063-3
CA MICRO-MATCH MOW-MOW 10POS



TE Part #2323767-4
DD-DD, 28AWG 2-8PR, 2.5M

TE Part #2323766-7
DD-DD, 30AWG 2-8PR, 1.75M

TE Part #2321493-4
BUS BAR ASSEMBLY, CROWN CLIP SOCKET

TE Part #2337575-1
CA, BUSBAR MATING CONNECTOR

TE Part #2349967-1
CA, SIDE CCJ TO DYNAMIC

TE Part #2360512-4
CA, 2 POS BUSBAR MATING TO R LUG 180MM

## Documents

### CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_2323767-3_1.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_2323767-3_1.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_2323767-3_1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## Datasheets & Catalog Pages

### QSFP-DD Connectors and Cable Assemblies Portfolio Overview (English)

English

### QSFP-DD Connectors and Cable Assemblies Portfolio Overview (Chinese)

## Product Specifications

### Product Specification

English