

2323766-2 ✓ ACTIVE



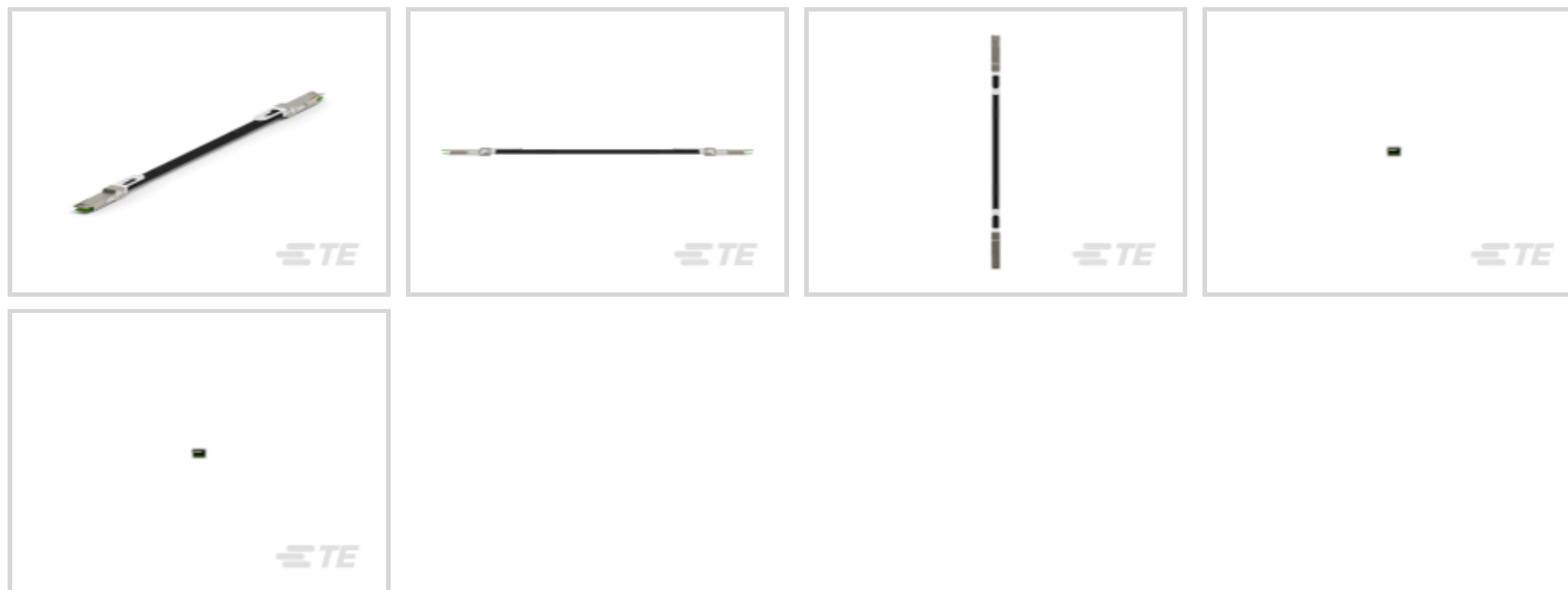
## QSFP-DD

TE Internal #: 2323766-2

QSFP-DD Cable Assembly, 32 Positions, 1 m [3.28 ft], 56 Gb/s,  
Black Cable, Shielded, 30 AWG, .25 mm<sup>2</sup>, Madison TurboTwin -  
Round Jacketed, QSFP-DD Plug

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



Cable Assembly Type: **QSFP-DD**

Cable Assembly (End A): **QSFP-DD Plug**

Cable Assembly (End B): **QSFP-DD Plug**

Wire Size: **.25 mm<sup>2</sup>**

## Features

### Product Type Features

Latching Style	Pull Tab Release
Cable Assembly Category	High Speed
Cable Assembly Type	QSFP-DD
Cable Assembly (End A)	QSFP-DD Plug
Cable Assembly (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
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### Signal Characteristics

Data Rate	56 Gb/s
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### Body Features

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

### Mechanical Attachment

Mating Alignment	Without
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### Housing Features

Housing Material	Zinc Alloy
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### Dimensions

Wire Size	.25 mm <sup>2</sup>
Outside Cable Diameter	6.2 mm[.244 in]

### Operation/Application

Shielded	Yes
Halogen Free	No

### Other

Cable Assembly Configuration	Double Ended
Cable Assembly Length	1 m[3.28 ft]

### 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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: TBPH (12% in Component) <b>Article Safe Usage Statements:</b> 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

 <p>TE Part # 2342933-1 QSFP-DD 1X1, STANDARD, W/ EXTRUDED HS</p>	 <p>TE Part # 2342933-2 QSFP-DD 1X1, STANDARD, W/ EXTRUDED HS</p>	 <p>TE Part # 2342933-3 QSFP-DD 1X1, STANDARD, W/ EXTRUDED HS</p>	 <p>TE Part # 2342934-1 QSFP-DD 1X1, STANDARD, W/ ZIPPER HS</p>
 <p>TE Part # 2342934-2 QSFP-DD 1X1, STANDARD, W/ ZIPPER HS</p>	 <p>TE Part # 2342934-3 QSFP-DD 1X1, STANDARD, W/ ZIPPER HS</p>	 <p>TE Part # 2343246-1 CAGE ASSY W/ HS SPRING 2X1 QSFP-DD</p>	 <p>TE Part # 2354751-1 CAGE ASSEMBLY, QSFP-DD 1X1, SPRING, TB</p>
 <p>TE Part # 2318579-1 RCPT CONN R/A SMT 76 POSN QSFP-DD</p>	 <p>TE Part # 2318579-2 RCPT CONN R/A SMT 76 POSN QSFP-DD WSHRS</p>	 <p>TE Part # 2340397-1 CAGE ASSY W/ HS SPRING 2X1 QSFP-DD</p>	 <p>TE Part # 2340397-2 CAGE ASSY W/ HS SPRING 2X1 QSFP-DD</p>
 <p>TE Part # 2340397-3 CAGE ASSY W/ HS SPRING 2X1 QSFP-DD</p>	 <p>TE Part # 2340397-4 CAGE ASSY W/ HS SPRING 2X1 QSFP-DD</p>	 <p>TE Part # 2342886-1 CAGE ASSY 1X3 QSFP-DD HS EXTRUTION PCI</p>	 <p>TE Part # 2342886-2 CAGE ASSY 1X3 QSFP-DD HS EXTRUTION SAN</p>




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

Also in the Series | QSFP-DD

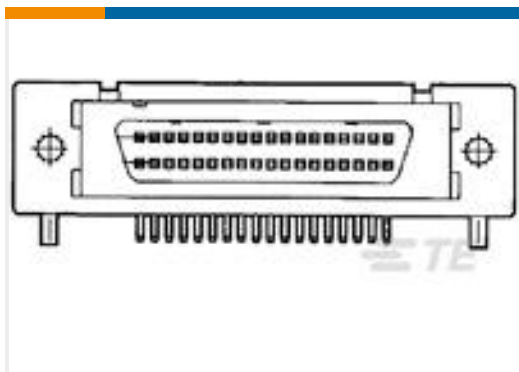


Pluggable I/O Cable Assemblies(39)



Pluggable IO Connectors & Cages(36)

Customers Also Bought



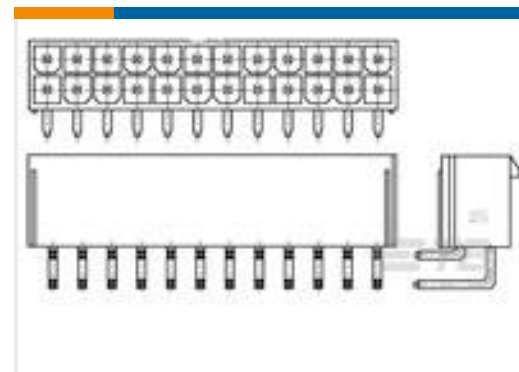
TE Part #2-5174225-5  
AMPLIMITE 050-2B HOR 68P M2.5



TE Part #1-480303-0  
03P CMNL PLUG HSG F/H NATL



TE Part #350536-2  
UMNL SOK 20-14 .0126 AUNI/BR



TE Part #1586041-4  
4P VAL-U-LOK R/A HDR V2



TE Part #60618-1  
CMNL PIN PTPBR L/P



TE Part #1-480387-0  
03P CMNL CAP HSG F/H BLK



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



TE Part #2323767-3  
DD-DD, 28AWG 2-8PR, 2.0M



TE Part #2368652-1  
QSFP-DD-QSFP-DD, AOC 1m Length



TE Part #CSJ-SGFB-200-MHF3  
SMA to MHF3 200mm 0.81 OD



## Documents

### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2323766-2\\_1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2323766-2\\_1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2323766-2\\_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