



QSFP-DD

TE Internal #: 2323765-1
QSFP-DD Cable Assembly, 32 Positions, 1.64 ft [.5 m], 56 Gb/s,
Black Cable, Shielded, 32 AWG, .2 mm², 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**
Wire Size: **.2 mm²**
Outside Cable Diameter: **5.6 mm [.221 in]**
Shielded: **Yes**

Features

Product Type Features

Latching Style	Pull Tab Release
Twisted Pairs	No
Product Type	Cable Assembly
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

Configuration	Double-Ended
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

Jackscrew	Without
Mating Alignment	Without

Housing Features

Housing Material	Zinc Alloy
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Dimensions

Wire Size	.2 mm²
Outside Cable Diameter	5.6 mm[.221 in]

Operation/Application

Shielded	Yes
Halogen Free	No

Other

Cable Assembly Length	.5 m[1.64 ft]
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Product Compliance

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

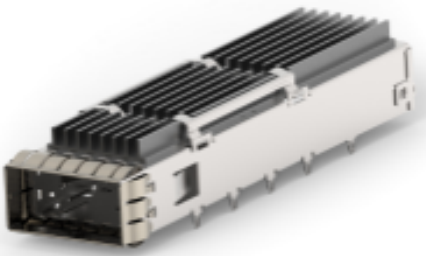
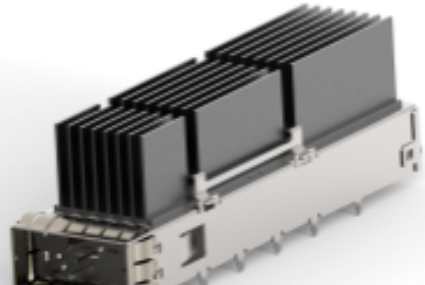
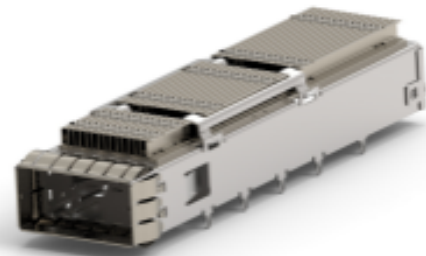
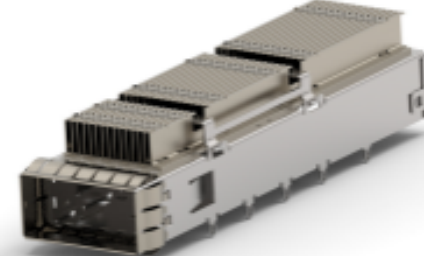
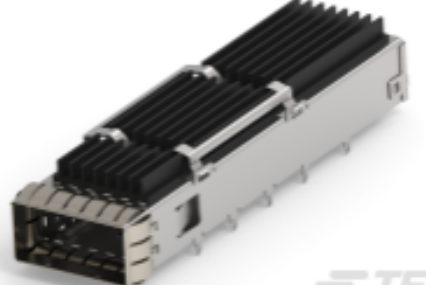
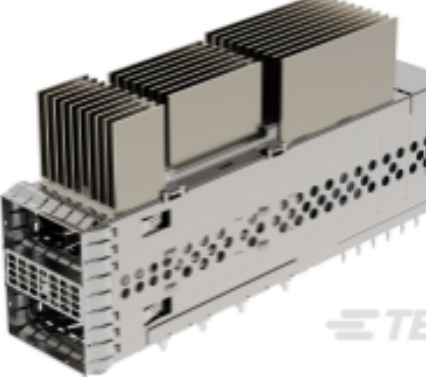
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

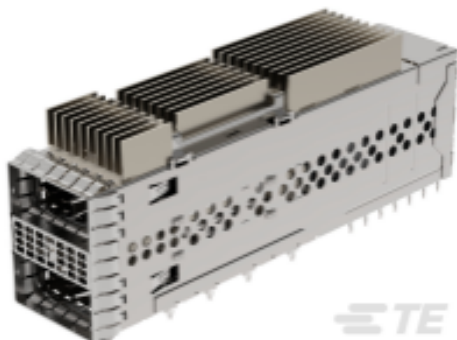


Product Compliance Disclaimer

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

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 # 1-2342933-1 QSFP-DD1X1, STANDARD, W/ PCI HS, 0 REAR	 TE Part # 1-2342933-2 QSFP-DD 1X1, STANDARD, W/ SAN HS, 0 REAR	 TE Part # 1-2342933-3 QSFP-DD 1X1, STANDARD, W/ NW HS, 0 REAR	 TE Part # 2-2343986-2 RECEPT CAGE ASSY 1X5 QSFP-DD W 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

Also in the Series | QSFP-DD



Pluggable I/O Cable Assemblies(41)



QSFP-DD(36)

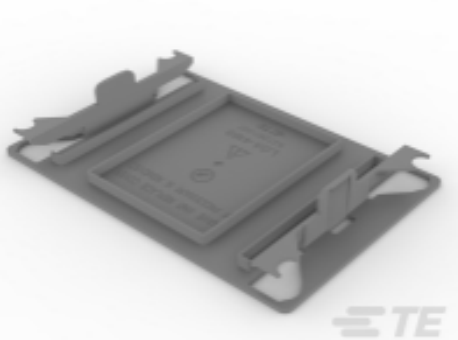
Customers Also Bought



TE Part #2-1926739-5
AssyMinipak HdI25s10pRAREcptSc



TE Part #292207-4
MINI CT SGL DIP V 4P NAT



TE Part #2-2330553-1
SOCKET P4/P5 DUST COVER, LGA4189



TE Part #2327688-1
DD-8_SFP56, 30AWG, 0.5M

Documents

Product Drawings
DD-DD, 32AWG 2-8PR, 0.5M

English

CAD Files
3D PDF

3D



Customer View Model

[ENG_CVM_CVM_2323765-1_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2323765-1_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2323765-1_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