

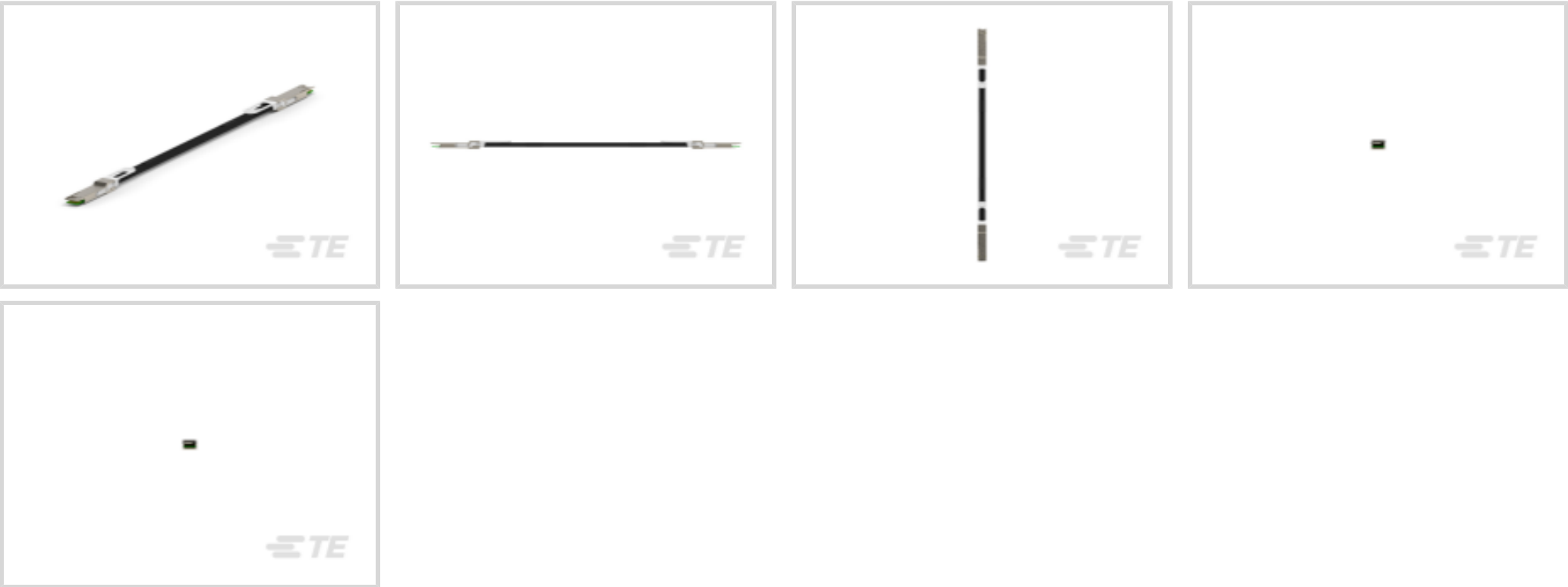


QSFP-DD

TE Internal #: 2323766-2
QSFP-DD Cable Assembly, 32 Positions, 3.28 ft [1 m], 56 Gb/s,
Black Cable, Shielded, 30 AWG, .25 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: **.25 mm²**
Outside Cable Diameter: **6.2 mm [.244 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
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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 mm²
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 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) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

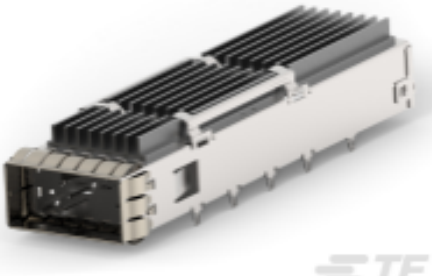
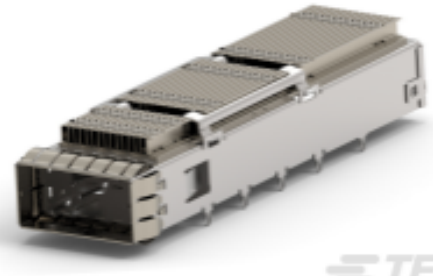
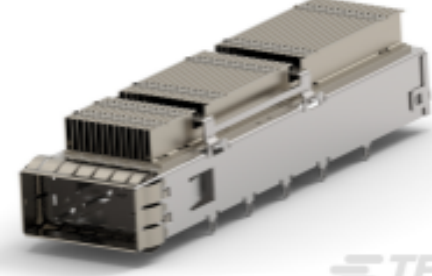
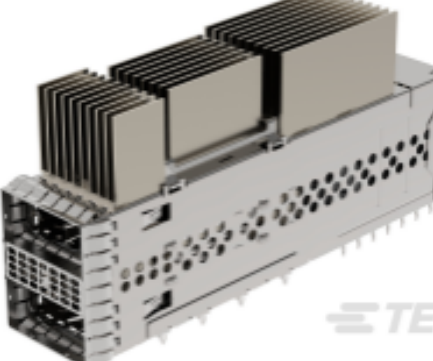
Product Compliance Disclaimer

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 EXTRUSION PCI	 TE Part # 2342886-2 CAGE ASSY 1X3 QSFP-DD HS EXTRUSION SAN
 TE Part # 2342886-3 CAGE ASSY 1X3 QSFP-DD HS EXTRUSION 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
EXTRUSION PCI

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

TE Part # 2342891-3
CAGE ASSY 1X6 QSFP-DD HS
EXTRUSION 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 #5050863-6
SOCKET,MIN-SPR SN-SN SER-2

TE Part #6-102567-3
30 MODII 2PC HDR DR SHRD .100,
ROHS

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

TE Part #282861-2
TERMI-BLOK PCB MOUNT 90 2P.7

TE Part #2-2176325-4
CRGP 0402 820R 1%

TE Part #4-2176307-0
RP 1E 0.1W 31K6 0.1% 25PPM 5K RL

TE Part #4-2176380-3
RQ 0805 3K16 0.1% 10PPM 5K RL

TE Part #2-2176392-0
RQ 1206 210K 0.1% 10PPM 5K RL

TE Part #2-2176392-3
RQ 1206 226K 0.1% 10PPM 5K RL



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