



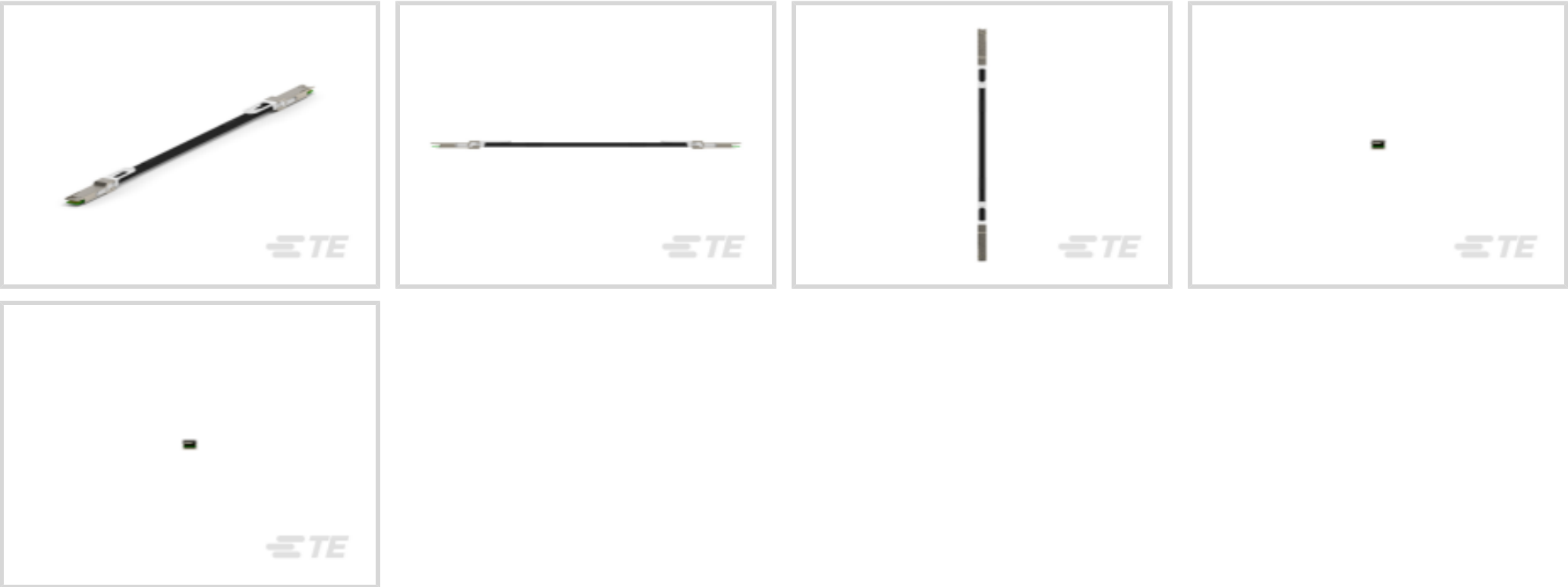
QSFP-DD

TE Internal #: 2323766-2

QSFP-DD, Pluggable I/O Cable Assemblies, Pluggable / Direct Attach, 30AWG Wire Size, .25mm² Wire Size, 6.2 mm, Pluggable I/O Cable Assembly Shielded

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



Pluggable I/O Cable Assembly Type: **Pluggable / Direct Attach**

Wire Size: **.25 mm²**

Pluggable I/O Cable Assembly Overall Outside Cable Diameter: **6.2 mm**

Pluggable I/O Cable Assembly Shielded: **Yes**

Features

Product Type Features

Latching Style	Pull Tab Release
Twisted Pairs	No
Product Type	Cable Assembly
Cable Assembly Category	High Speed
Pluggable I/O Cable Assembly Type	Pluggable / Direct Attach
Pluggable I/O Cable Assembly Shielded	Yes
Pluggable I/O Cable Assembly Connector Type (End A)	QSFP-DD
Pluggable I/O Cable Assembly Connector Type (End B)	QSFP-DD
Pluggable I/O Cable Assembly Cable Style	Madison TurboTwin - Round Jacketed

Configuration Features

Configuration	Double-Ended
Number of Pluggable I/O Cable Assembly Positions	16 Pair
Number of Signal Positions	32
Pluggable I/O Cable Assembly Keyed	No

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
Pluggable I/O Cable Assembly Color	Black

Mechanical Attachment

Jackscrew	Without
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Housing Features

Housing Material	Zinc Alloy
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Dimensions

Wire Size	.25 mm ²
Pluggable I/O Cable Assembly Overall Outside Cable Diameter	6.2 mm

Operation/Application

Halogen Free	No
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Industry Standards

Pluggable I/O Cable Assembly Flammability Rating	VW-1
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Other

Cable Assembly Length	1 m[3.28 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 with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2018 (181) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.



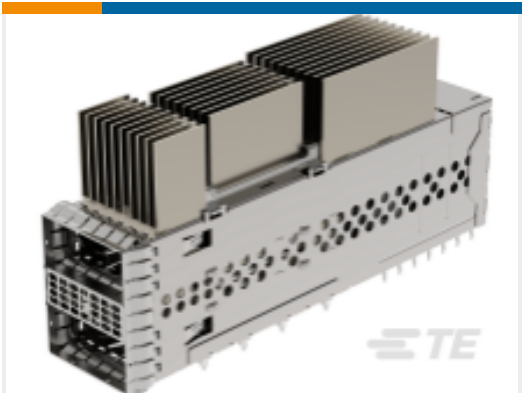
Solder Process Capability

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 # 2342933-2 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
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

TE Part # 2342892-2
CAGE ASSY 1X6 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 #215083-8
MALE-ON-WIRE CONNECTOR

TE Part #2057833-1
SFP+ Enhanced 1x4 Cage Assy

TE Part #2213765-7
AV19 SPM 5A SPOT LED RED 24V

TE Part #1-6609106-4
CORCOM P SERIES MULTI-
FUNCTION INLET FIL

TE Part #2-2301994-3
RJ45 JACK INT.MAG. 1GB LED 1X1

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

TE Part #2323766-1
DD-DD, 30AWG 2-8PR, 0.5M

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



Documents

Product Drawings

DD-DD, 30AWG 2-8PR, 1.0M

English

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