2323766-2 ✔ ACTIVE

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

View on TE.com >

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

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	.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



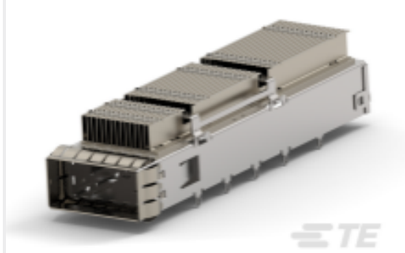
TE Part # 2342933-1
QSFP-DD 1X1, STANDARD, W/ EXTRUDED HS



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



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



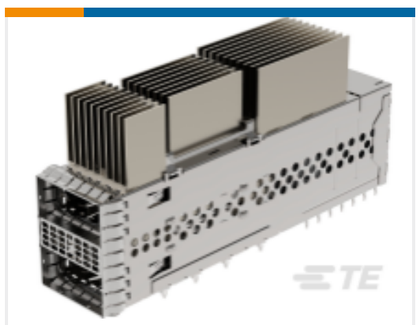
TE Part # 2342934-2
QSFP-DD 1X1, STANDARD, W/ ZIPPER HS



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 EXTRUTION PCI



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



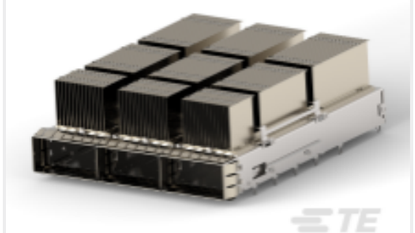
TE Part # 2342886-3
CAGE ASSY 1X3 QSFP-DD HS EXTRUTION NET



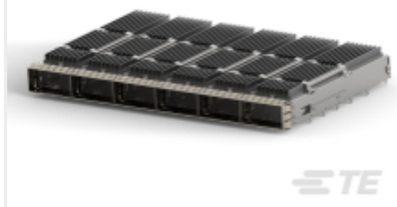
TE Part # 2342888-1
CAGE ASSY 1X3 QSFP-DD HS STACK PCI



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 #2333393-1
QSFP 25GIG 30AWG 0.5 METER



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

TE Part #1-2017393-0
C/A, ERICSSON RPM777193/01000 ET-ET

TE Part #2017393-6
C/A ERICSSON RPM777193/00200 ET-ET

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