

2318579-1 ✓ ACTIVE

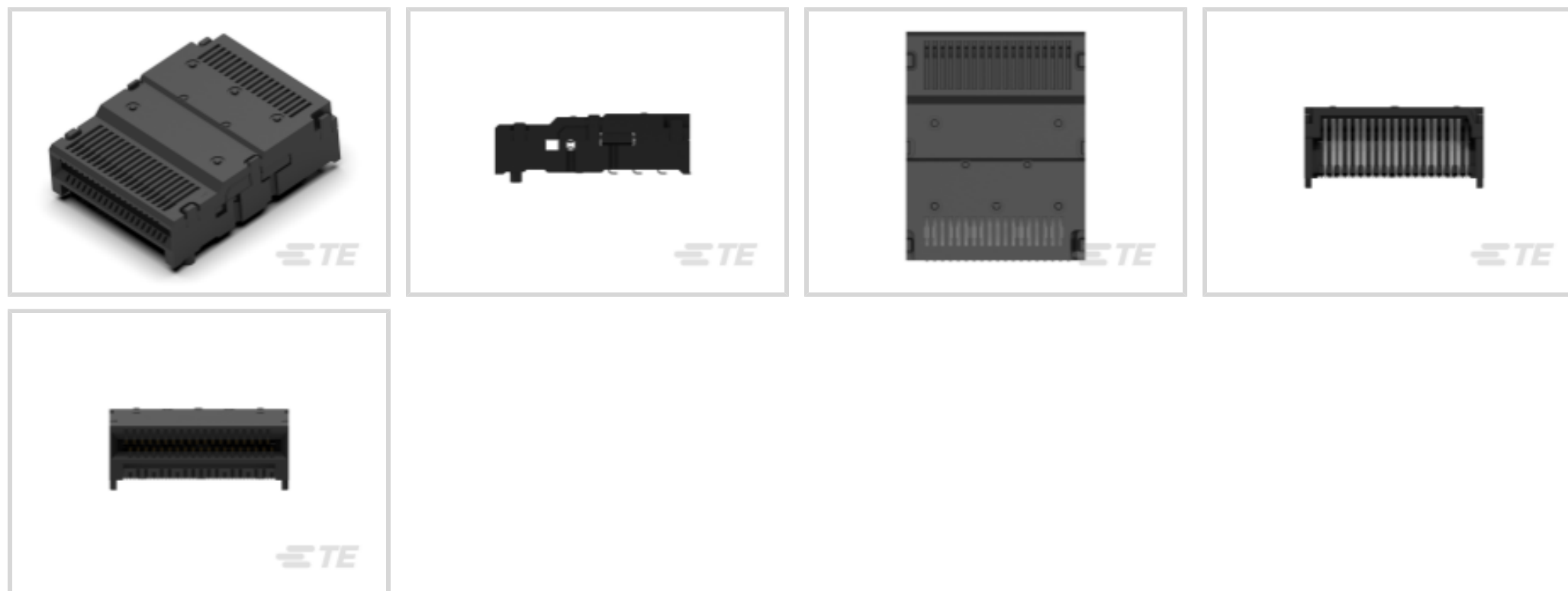
TE Internal #: 2318579-1

QSFP-DD, Connector, Wire-to-Board, .8 mm Centerline, Printed Circuit Board, Data Rate (Max) 56 Gb/s, Signal, -55 – 85 °C [-67 – 185 °F]

[View on TE.com >](#)



Connectors > Pluggable IO Connectors & Cages > QSFP-DD



Pluggable I/O Product Type: **Connector**

Connector System: **Wire-to-Board**

Centerline (Pitch): **.8 mm**

Sealable: **No**

Connector & Contact Terminates To: **Printed Circuit Board**

Features

Product Type Features

Form Factor	QSFP-DD
Pluggable I/O Product Type	Connector
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Electrical Characteristics

Data Rate (Max)	56 Gb/s
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Housing Features

Centerline (Pitch)	.8 mm
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Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Circuit Application	Signal
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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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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	Reflow solder capable to 260°C

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 # 1-2361706-1
CAGE ASSY, QSFP -DD 1X1, CUST HS, 0 REAR



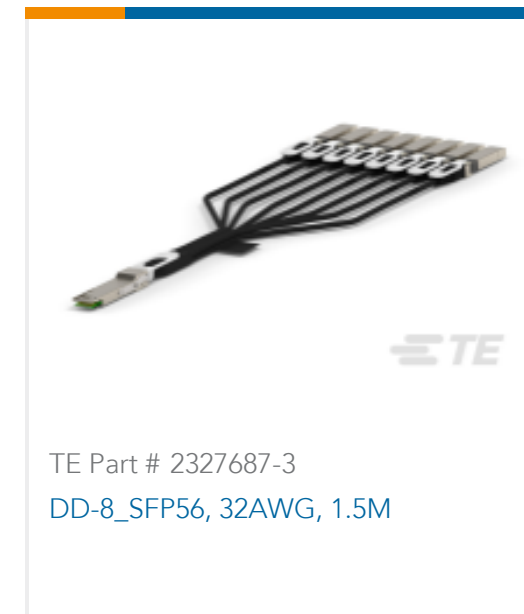
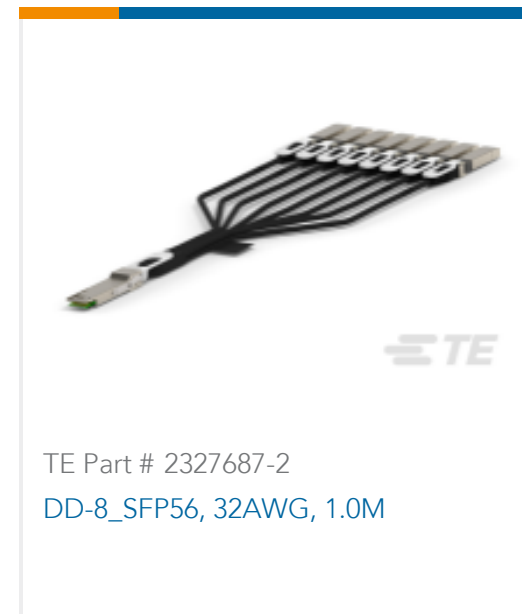
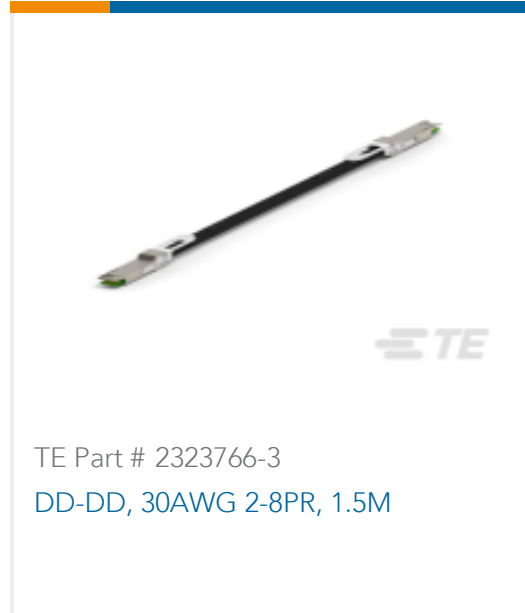
TE Part # 1-2361706-2
CAGE ASSY, QSFP -DD 1X1, CUST HS, 0 REAR



TE Part # 2-2324171-6
CAGE ASSEMBLY, QSFP-DD 1X1, SPRING



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



Customers Also Bought





TE Part #2007198-1
SFP+ 1x1 Cage Assembly, Press-



TE Part #1-1734099-2
Champ 050 series, plug assembly



TE Part #8-1437565-0
FSMCTTR=TACTILE SWITCH T&R



TE Part #6-1879336-6
CPF 0603 1K1 1% 50PPM 1K RL

Documents

Product Drawings

[RCPT CONN R/A SMT 76 POSN QSFP-DD](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2318579-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2318579-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2318579-1_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_2318579-1_02132019525_dmtec](#)

English

[MD_2318579-1_02132019525_dmtec](#)

English

Agency Approvals

[UL Report](#)

English