



Connectors > Pluggable IO Connectors & Cages



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

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

Sealable: **No**

Circuit Application: **Signal**

Operating Temperature Range: **-55 – 85 °C [-67 – 185 °F]**

Features

Product Type Features

Pluggable I/O Product Type	Connector
Sealable	No
Form Factor	QSFP-DD

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 2333958-5
CAGE ASSY, QSFP28 -DD 1X1, HS, HP, LP

TE Part # 2821986-2
DD-2_QSFP56, 32AWG 8PR, 1.0M

TE Part # 2821986-3
DD-2_QSFP56, 32AWG 8PR, 1.5M

TE Part # 2821992-2
DD-4_QSFP56, 32AWG 4PR, 1.0M

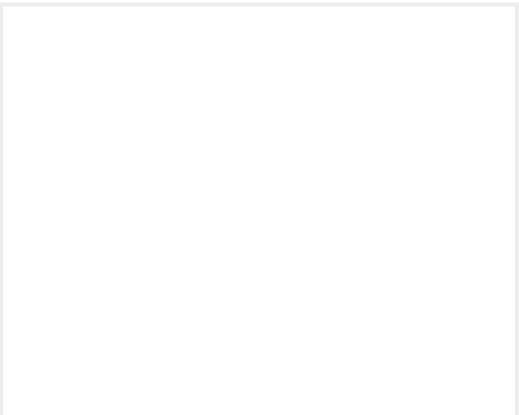
TE Part # 2327687-2
DD-8_SFP56, 32AWG, 1.0M

TE Part # 2327687-1
DD-8_SFP56, 32AWG, 0.5M

TE Part # 2821994-3
DD-4_QSFP56, 28AWG 4PR, 2.0M

TE Part # 2327689-3
DD-8_SFP56, 28AWG, 2.0M





TE Part # 2361706-3
CAGE ASSY, QSFP-DD 1X1 CUST HS
ABSORBER



TE Part # 2333958-3
CAGE ASSY, QSFP28-DD 1X1, HS,
HP, LP



TE Part # 2821993-3
DD-4_QSFP56, 30AWG 4PR, 1.5M



TE Part # 2323765-3
DD-DD, 32AWG 2-8PR, 1.5M



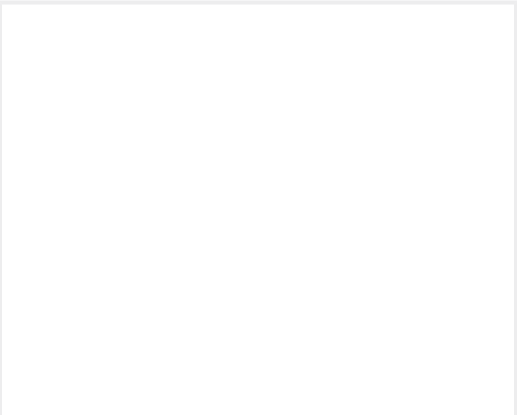
TE Part # 2323767-1
DD-DD, 28AWG 2-8PR, 1.0M



TE Part # 2821988-1
DD-2_QSFP56, 28AWG 8PR, 1.0M



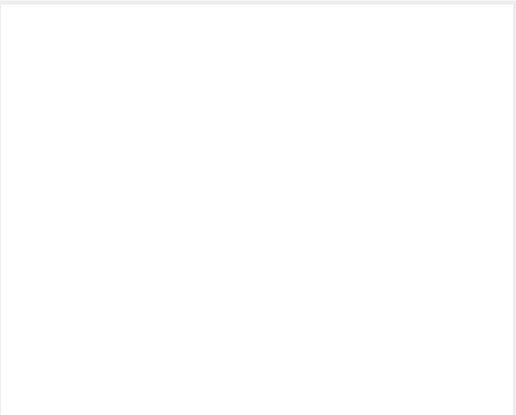
TE Part # 2323767-3
DD-DD, 28AWG 2-8PR, 2.0M



TE Part # 2345017-3
QSFP-DD 1X1, CUST, W/ ZIPPER HS,
LP



TE Part # 2821993-1
DD-4_QSFP56, 30AWG 4PR, 0.5M



TE Part # 2354463-7
CAGE ASSEMBLY, QSFP-DD 1X1,
SPRING, 2LP

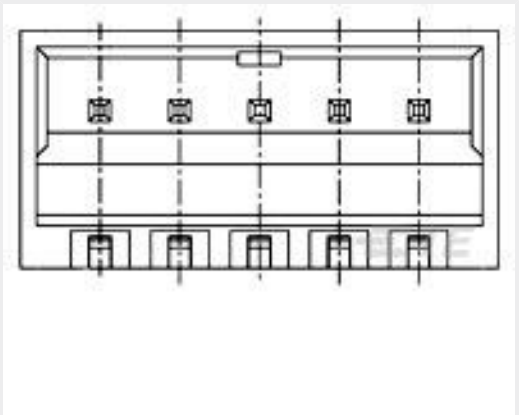


TE Part # 2821987-1
DD-2_QSFP56, 30AWG 8PR, 0.5M



TE Part # 2821987-2
DD-2_QSFP56, 30AWG 8PR, 1.0M

Customers Also Bought



TE Part #6-1775444-2
EMIX CONN., 1.5MM PITCH, HDR, R
/A, 12P



TE Part #1-2204910-0
MBXL R/A HDR 2P + 16S + 2P



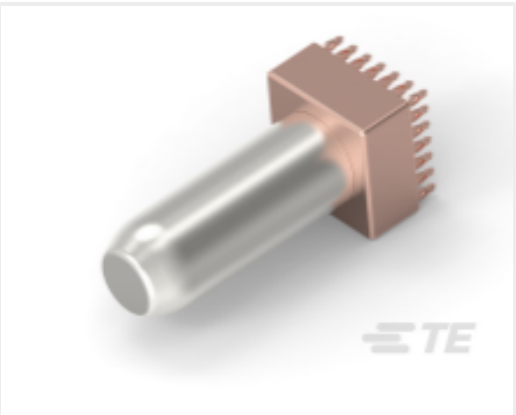
TE Part #2324869-2
CONNECTOR ASSY, SMT W
HOLDOWN, PDNI, OSFP



TE Part #2325080-5
LIGHTPIPE ASSEMBLY, OSFP



TE Part #2344604-1
50 AMP CARD EDGE ASSEMBLY



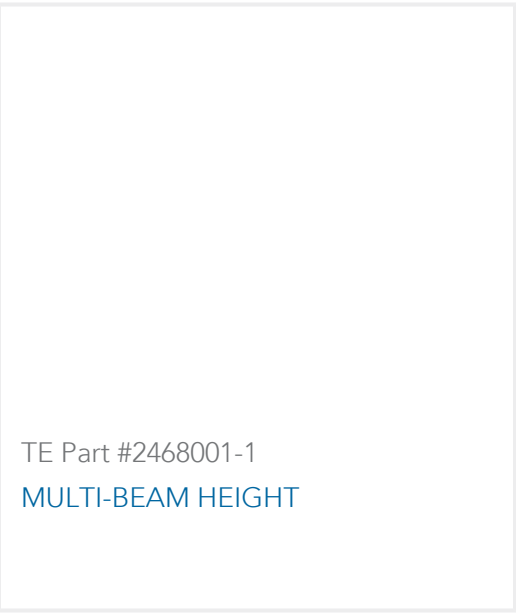
TE Part #2358714-1
ICCON BLOCK SIZE 10.3mm PIN



TE Part #1-2379397-5
MCIO INTERGRATED CONN, V/T,8X,
SMT TYPE



TE Part #1-2379397-7
MCIO INTERGRATED CONN, V/T,8X,
SMT TYPE



Documents

Product Drawings

RCPT CONN R/A SMT 76 POSN QSFP-DD WSHRS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2318579-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2318579-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2318579-2_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English