



TE Internal #: 2352105-1
QSFP28/56, Cage Assembly, Operating Temperature Range -40 – 85 °C [-40 – 185 °F], Data Rate (Max) 56 Gb/s, 1 Ports, Port Matrix Configuration 1 x 1
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Connectors > Pluggable IO Connectors & Cages



Pluggable I/O Product Type: **Cage Assembly**
Sealable: **No**
Operating Temperature Range: **-40 – 85 °C [-40 – 185 °F]**
Data Rate (Max): **56 Gb/s**
Number of Ports: **1**

Features

Product Type Features

Cage Type	Single
Thermal Accessory Type Included	Heat Sink
Pluggable I/O Product Type	Cage Assembly
Sealable	No
Form Factor	QSFP28/56

Configuration Features

Number of Rear EONs per Port Column	0
Number of Ports	1
Port Matrix Configuration	1 x 1

Electrical Characteristics

Data Rate (Max)	56 Gb/s
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Body Features

Heat Sink Style	Custom
Heat Sink Finish	Anodized Black



Heat Sink Height Class	Custom
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Contact Features

PCB Contact Termination Area Plating Material	Tin
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Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	2.05 mm[.081 in]

Housing Features

Cage Material	Nickel Silver
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Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
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Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Operation/Application

Pluggable I/O Applications	SFP+ Stacked Belly-to-Belly
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box & Tray
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Other

Included Lightpipe	No
EMI Containment Feature Type	Internal/External EMI Springs

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 2025 (250) SVHC > Threshold: 1-BUTANESULFONIC ACID, 1,1,2,2,3,3,4,4,4-NONAFLUORO-,



POTASSIUM SALT (1:1) (.25% in 16552602939)
UV-329 (.5% in 16552602939)

Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not applicable 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 # 4-2340655-2 QSFP56 TO2XSFP56, 32AWG, 1M	 TE Part # 4-2340655-1 QSFP56 TO 2XSFP56, 32AWG, 0.5M	 TE Part # CAT-C11-Z8067 QSFP28 to QSFP28 Cable Assembly: 28 AWG	 TE Part # CAT-Q17-N4903 QSFP56 to QSFP56 Cable Assembly: 28 AWG
 TE Part # CAT-C11-N49 QSFP28-Two QSFP28 Cable Assembly: 30 AWG	 TE Part # CAT-C11-N490333 QSFP28-Four SFP+ Cable Assembly: 30 AWG	 TE Part # CAT-C11-N4903 QSFP28 to QSFP28 Cable Assembly: 32 AWG	 TE Part # CAT-C11-N490325 QSFP28-Four SFP+ Cable Assembly: 26 AWG





TE Part # CAT-Q17-N49033
QSFP56-Four SFP56 Cable Assembly:
26 AWG



TE Part # 4-2340654-3
QSFP56 TO 4XSFP56, 32AWG, 1.5M



TE Part # CAT-C11-N49032
QSFP28-Two QSFP28 Cable
Assembly: 32 AWG



TE Part # CAT-Q17-N4901
Cable Assembly, QSFP56-Four SFP56,
28 AWG



TE Part # CAT-Q17-N49
QSFP56-Two QSFP56 Cable
Assembly: 26 AWG



TE Part # 1-2333844-0
QSFP TO (2) QSFP 25GIG 26AWG 5
METER



TE Part # CAT-C11-N49033
QSFP28-Four SFP+ Cable Assembly:
28 AWG



TE Part # 4-2336313-1
QSFP 56GIG 32AWG 0.5 METER



TE Part # 2333393-2
QSFP 25GIG 30AWG 0.75 METER



TE Part # 2351524-1
C/A, SLIVER 1C TO (2) OTB, QSFP



TE Part # CAT-C11-Z8
QSFP28 to QSFP28 Cable Assembly:
26 AWG



TE Part # CAT-C11-Q17
QSFP56 to QSFP56 Cable Assembly:
26 AWG

Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #DT04-2P
REC, 2P, GRY, N



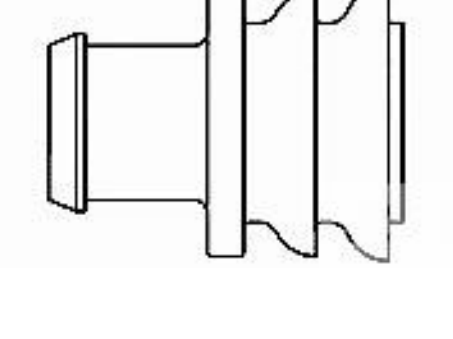
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING

Documents



Product Drawings

CDQ CAGE ASSEMBLY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2352105-1_7.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2352105-1_7.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2352105-1_7.3d_stp.zip

English

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Product Specifications

Product Specification

English