4-2333801-2 ✔ ACTIVE

QSFP56

TE Internal #: 4-2333801-2

QSFP28 to QSFP28 Cable Assembly, 16 Positions, 1 m [3.28 ft], 56 Gb/s, Black Cable, Shielded, 30 AWG, .051 mm² Wire, QSFP28 Plug End A

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Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies > QSFP56-Two QSFP56 Cable Assembly: 30 AWG





Cable Assembly Type: **QSFP28 to QSFP28**

Cable Assembly (End A): **QSFP28 Plug**

Cable Assembly (End B): **QSFP28 Plug**

Wire Size: **.051 mm²**

All QSFP56-Two QSFP56 Cable Assembly: 30 AWG (4)

Features

Product Type Features

Cable Assembly Category	High Speed, Industry Standard
Cable Assembly Type	QSFP28 to QSFP28
Cable Assembly (End A)	QSFP28 Plug
Cable Assembly (End B)	QSFP28 Plug
Cable Style	Madison TurboTwin - Round Jacketed

Configuration Features

Number of Positions	16
Number of Pairs	8
Number of Signal Positions	16

Electrical Characteristics

Impedance	100 Ω

Signal Characteristics

Data Rate	56 Gb/s

Body Features

Cable Color	Black
Cable Flammability Rating	CL2
Equalized	No

Dimensions

Wire Size	.051 mm²
Outside Cable Diameter	5.21 mm[.205 in]

Operation/Application

Shielded	Yes
Halogen Free	No

Other

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (.11% in 34983907395) 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (4.5% in 34983907383) TBPH (15% in 23312351700) **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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

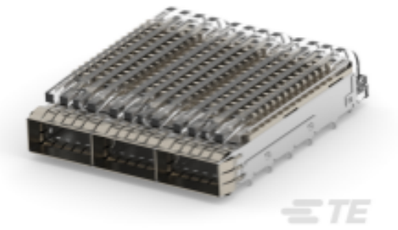
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # 2320645-1
CAGE ASSEMBLY, 1X2, QSFP28, SPRING,HS,8LP



TE Part # 5-2289708-1
QSFP28, 1X3, CAGE ASSY, SPRING, HS, SQLP

TE Part # 2306002-1
STRADDLE MOUNT QSFP28, 1X2, RECEPTACLE



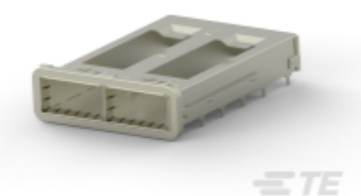
TE Part # 4-2170814-1
QSFP28, 1X2, CAGE ASSY, GASKET, HS, LP

TE Part # 2314014-1
STRADDLE MOUNT QSFP28, 1X6, RECEPTACLE

TE Part # 2314015-1
STRADDLE MOUNT QSFP28, 1X6, RECEPTACLE



TE Part # 2170812-4
CAGE ASSEMBLY, 1X2, QSFP28, GASKET, HS



TE Part # 2170811-5
CAGE ASSEMBLY, 1X2, QSFP28, GASKET



TE Part # 2-2170814-3
QSFP28, 1X2, CAGE ASSY, GASKET, HS, LP



TE Part # 4-2170814-3
QSFP28, 1X2, CAGE ASSY, GASKET, HS, LP



TE Part # 4-2170814-4
QSFP28, 1X2, CAGE ASSY, GASKET, HS, LP

TE Part # 1-2170740-2
QSFP28, 1X3, CAGE ASSY, SPRING, HS

TE Part # 2301472-6
CAGE ASSY, QSFP28 1X1, SPRING, CSMID HS

TE Part # 5-2170703-2
CAGE ASSEMBLY, QSFP28 1X1, SPRING

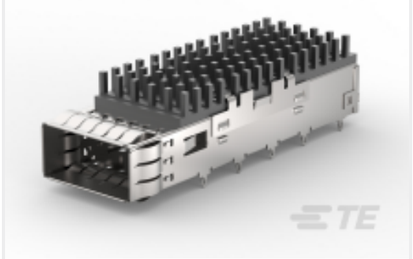
TE Part # 2170739-4
QSFP28, 1X3, CAGE ASSY, SPRING, LP



TE Part # 2-2170703-7
CAGE ASSEMBLY, QSFP28 1X1, SPRING



TE Part # 1-2170704-2
CAGE ASSY, QSFP28 1X1, SPRING, HS



TE Part # 2170704-5
CAGE ASSY, QSFP28 1X1, SPRING, HS



TE Part # 2170704-6
CAGE ASSY, QSFP28 1X1, SPRING, HS

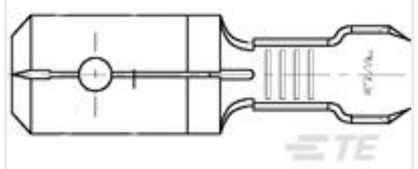
TE Part # 6-2170705-1
CAGE ASSY, QSFP28 1X1, SPRING, HS, LP

Also in the Series | QSFP56

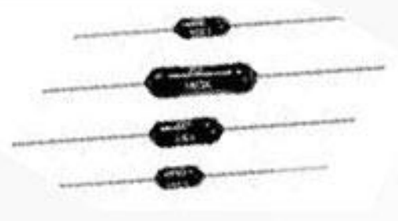


Pluggable I/O Cable Assemblies(49)

Customers Also Bought



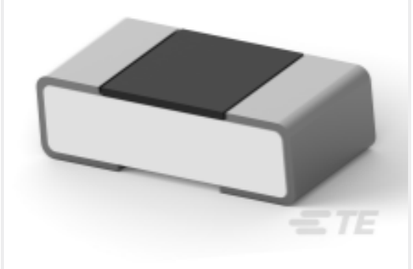
TE Part #60006-1
250 FASTON TAB 18-14 AWG BR



TE Part #3-1879692-2
H8 21R 0.1% 100PPM



TE Part #5-2176347-7
CRGCQ 2010 470K 1%



TE Part #4-2176363-9
RQ 0402 1K37 0.1% 10PPM 5K RL



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



TE Part #4-2334878-4
QSFP TO [4]SFP 56GIG 26AWG 2 METER



TE Part #1-6450820-5
MBXLE VERT HDR 6P20S



TE Part #1-1986711-8
SCREWLESS, SW,18P,5.0 PCB



TE Part #2176049-4
RLP73M 1E R068 1% 1K RL

Documents

Product Drawings

QSFP TO (2)QSFP, 56G, 1 METER, 30AWG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-2333801-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-2333801-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-2333801-2_A.3d_stp.zip

English

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Product Specifications

Product Specification

English

Product Specification

English