# 2333841-1 ✔ ACTIVE

zQSFP+/QSFP28

TE Internal #: 2333841-1

QSFP28 to QSFP28 Cable Assembly, 16 Positions, .5 m [.164 ft], 25 Gb/s, Black Cable, Shielded, 28 AWG, .081 mm² Wire, QSFP28 Plug End A

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Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies > QSFP28 to QSFP28 Cable Assembly: 28 AWG



Cable Assembly Type: **QSFP28 to QSFP28**

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

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

Wire Size: **.081 mm²**

All QSFP28 to QSFP28 Cable Assembly: 28 AWG (8)

## 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 | 25 Gb/s |

## Body Features

| | |
|---|---|
| Cable Color | Black |
| Cable Flammability Rating | CL2 |
| Equalized | No |

## Dimensions

| | |
|---|---|
| Wire Size | .081 mm² |
| Outside Cable Diameter | 7.69 mm[.303 in] |

## Operation/Application

| | |
|---|---|
| Shielded | Yes |
| Halogen Free | No |

## Other

| | |
|---|---|
| Cable Assembly Configuration | Double Ended |
| Cable Assembly Length | .5 m[.164 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>SVHC > Threshold:<br>TBPH (12% in 26862205067)<br>2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (4.5% in 34983907383)<br>Pb (.11% in 34983907395)<br>**Article Safe Usage Statements:**<br>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 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 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

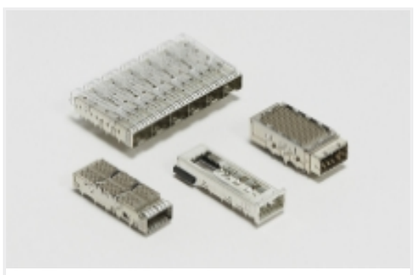


TE Part # 2352105-1
CDQ CAGE ASSEMBLY

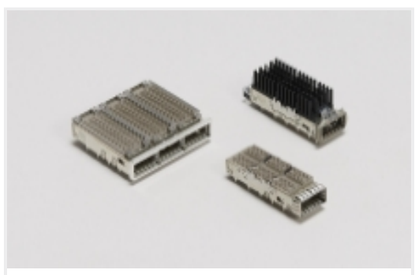
## Also in the Series | zQSFP+/QSFP28



Pluggable I/O Cable Assemblies(78)

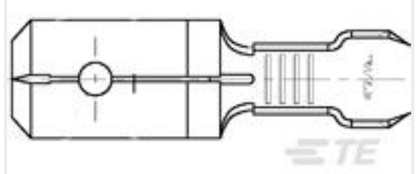


Pluggable IO Connectors & Cages(394)



QSFP, QSFP+ & zQSPF+(394)

## Customers Also Bought



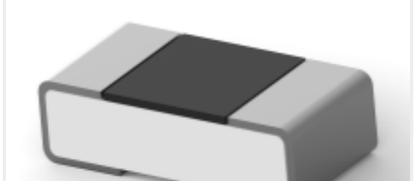
TE Part #60006-1
250 FASTON TAB 18-14 AWG BR



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 25GIG 28AWG 0.5 METER

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2333841-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2333841-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2333841-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Product Specifications

Product Specification

English

Product Specification

English