

2333393-3 ✓ ACTIVE



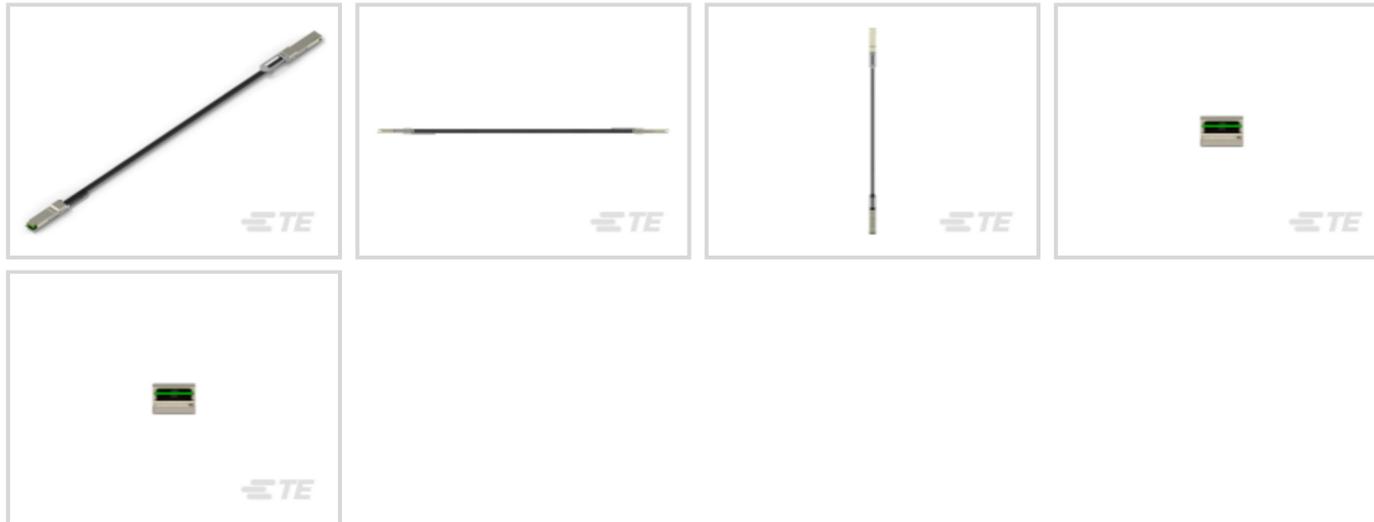
zQSFP+/QSFP28

TE Internal #: 2333393-3

QSFP28 Cable Assembly, 16 Positions, 1 m [3.28 ft], 25 Gb/s, Black Cable, Shielded, 30 AWG, .051 mm<sup>2</sup>, Madison TurboTwin - Round Jacketed

[View on TE.com >](#)

Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies > QSFP28 to QSFP28 Cable Assembly: 30 AWG



Cable Assembly Type: **QSFP28**

Number of Positions: **16**

Cable Assembly Length: **1 m [ 3.28 ft ]**

Data Rate: **25 Gb/s**

Cable Color: **Black**

[All QSFP28 to QSFP28 Cable Assembly: 30 AWG \(6\)](#)

## Features

### Electrical Characteristics

Impedance	100 Ω
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### Other

Cable Assembly Configuration	Double Ended
Cable Assembly Length	1 m[3.28 ft]
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant

### Product Type Features

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



### Configuration Features

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

### Signal Characteristics

Data Rate	25 Gb/s
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### Body Features

Cable Color	Black
Equalized	No
Cable Flammability Rating	CL2

### Operation/Application

Shielded	Yes
Halogen Free	No

### Dimensions

Wire Size	.051 mm <sup>2</sup>
Outside Cable Diameter	6.2 mm[.244 in]

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

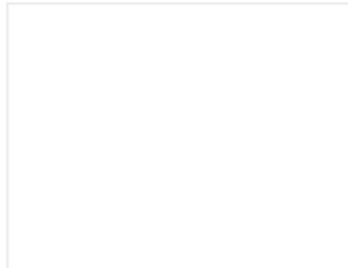
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
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 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>

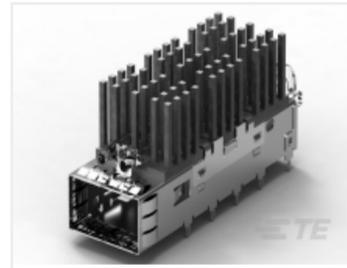
## Compatible Parts



TE Part # 2170793-2  
CAGE ASSY, 1X4, QSFP28, 8LP



TE Part # 2-2170740-6  
QSFP28, 1X3, CAGE ASSY, SPRING, HS, LP



TE Part # 2-2170705-6  
CAGE ASSY, QSFP28 1X1, SPRING, HS, LP



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



TE Part # 2-2170769-3  
CAGE ASSY, QSFP28, 1X3, GASKET, HS, LP



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



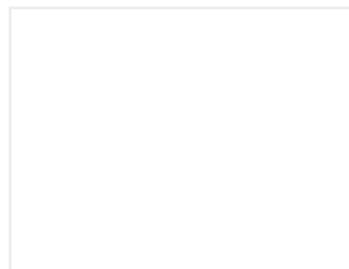
TE Part # 2-2170705-2  
CAGE ASSY, QSFP28 1X1, SPRING, HS, LP



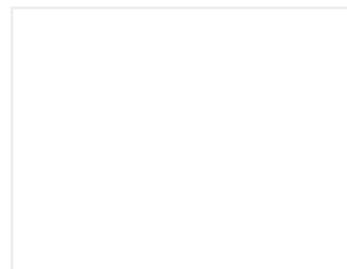
TE Part # 2227103-2  
1X2 CAGE ASSY BHND BZL QSFP28



TE Part # 2227249-3  
1x4 Cage Assy Bhnd Bzl QSFP28



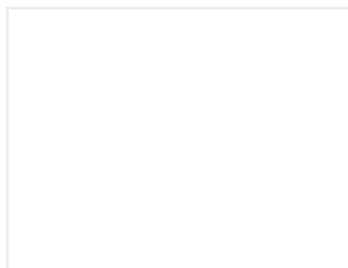
TE Part # 2322344-1  
CAGE ASSEMBLY, 1X2, QSFP28, SPRING, TRAY



TE Part # 2306205-2  
CAGE ASSY, QSFP28 1X1, GASKET, CZD HS



TE Part # 2304807-2  
CAGE ASSY, QSFP28 1X1, SPRING, HS



TE Part # 2314176-1  
CAGE ASSEMBLY, 1X4, QSFP28, SPRING



TE Part # 2170708-6  
CAGE ASSY, 1X6, QSFP28, SPRING, HS, LP



TE Part # 2170812-3  
CAGE ASSEMBLY, 1X2, QSFP28, GASKET, HS



TE Part # 2170754-6  
CAGE ASSY, QSFP28 1X1, GASKET, HS, LP




TE Part # 2170707-5  
CAGE ASSY, 1X6, QSFP28, SPRING, HS



TE Part # 2173482-7  
1xN QSFP28 Bhnd Bzl Dbl LP, 57,69 Long



TE Part # 2170704-3  
CAGE ASSY, QSFP28 1X1, SPRING, HS



TE Part # 2170785-3  
CAGE ASSY, 1X4, QSFP28, GASKET, HS, LP

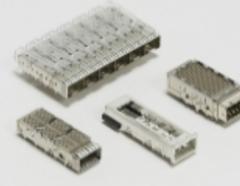
Also in the Series | **zQSFP+/QSFP28**



Heat Sinks(7)



Pluggable I/O Cable Assemblies(78)



Pluggable IO Connectors & Cages(424)

Customers Also Bought



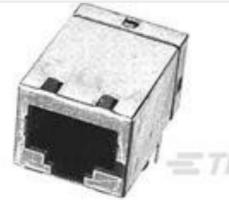
TE Part #52928  
PIDG SPRSPD 22-16COM22-18MIL 5



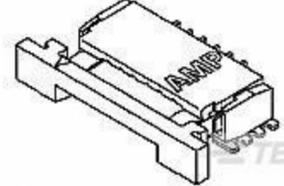
TE Part #5-747908-2  
15 Plug Solder Cup, Gold Flash



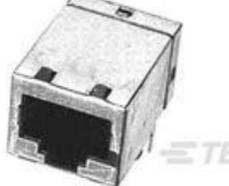
TE Part #2170707-3  
CAGE ASSY, 1X6, QSFP28, SPRING, HS



TE Part #5557786-1  
MJ,8POS,R/A,SHLD,PCB GD



TE Part #2-84952-0  
1MM FPC HORZ.BTTM CONT.ASS.20P



TE Part #1734795-7  
MOD JACK,RJ45,8P8C,SHIELD, W /PANEL,30u"



TE Part #2333393-7  
QSFP 25GIG 30AWG 3 METER



TE Part #1-2127931-2  
C/A, SFP+, GENERIC, 1.0M



TE Part #1-2127931-4  
C/A, SFP+, GENERIC, 3.0M



TE Part #1-2159124-2  
C/A, SFP+, GENERIC, 1.0M



## Documents

### Product Drawings

[QSFP 25GIG 30AWG 1 METER](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2333393-3\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2333393-3\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2333393-3\\_A.3d\\_stp.zip](#)

English

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### Product Specifications

[Product Specification](#)

English