



zQSFP+/QSFP28

TE Internal #: 2333842-8
QSFP28 Cable Assembly, 16 Positions, 4 m [13.12 ft], 25 Gb/s, Black
Cable, Shielded, 26 AWG, .129 mm² Wire, QSFP28 Plug End A,
QSFP28 Plug End B, CL2

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Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies > QSFP28 to QSFP28 Cable Assembly: 26 AWG



Cable Assembly Type: **QSFP28**
Number of Positions: **16**
Cable Assembly Length: **4 m [13.12 ft]**
Data Rate: **25 Gb/s**
Cable Color: **Black**

[All QSFP28 to QSFP28 Cable Assembly: 26 AWG \(10\)](#)

Features

Product Type Features

Cable Assembly Category	High Speed, Industry Standard
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

Electrical Characteristics

Impedance	100 Ω
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Signal Characteristics

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Data Rate	25 Gb/s
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Body Features

Cable Color	Black
Equalized	No
Cable Flammability Rating	CL2

Dimensions

Wire Size	.129 mm²
Outside Cable Diameter	9.53 mm[.375 in]

Operation/Application

Shielded	Yes
Halogen Free	No

Other

Cable Assembly Configuration	Double Ended
Cable Assembly Length	4 m[13.12 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	Not 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: JAN 2025 (247) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

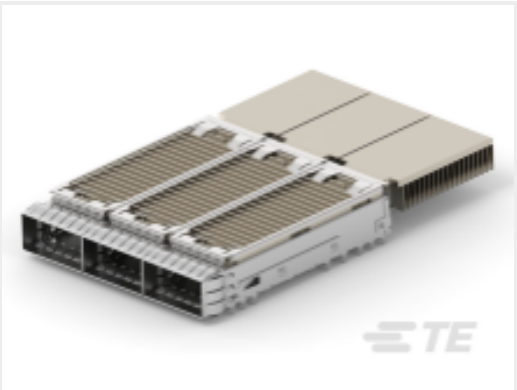
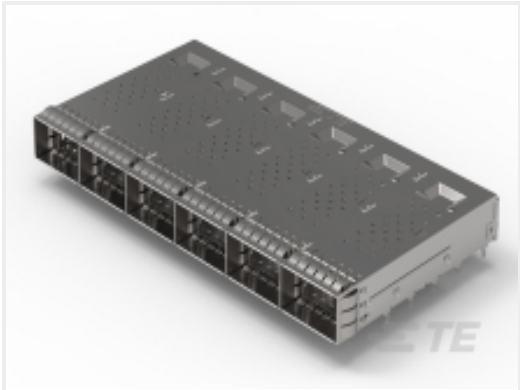
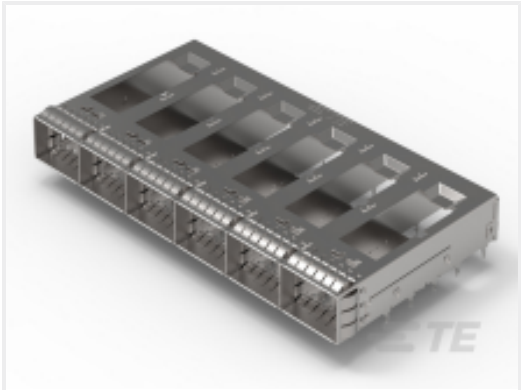
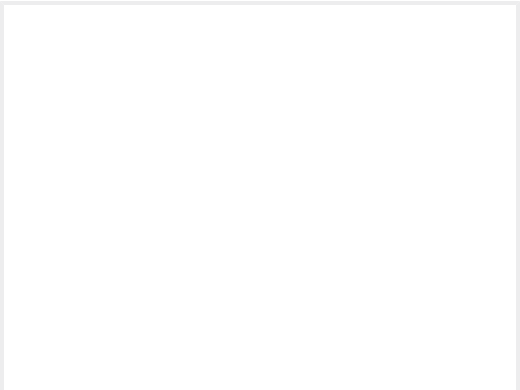
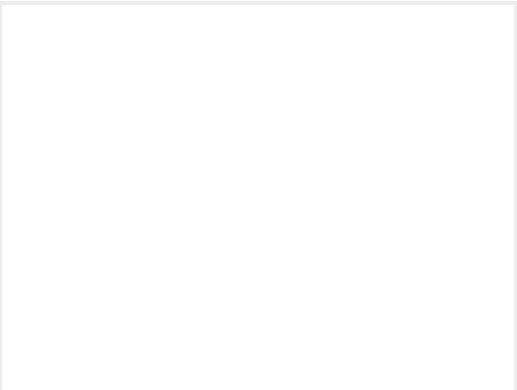
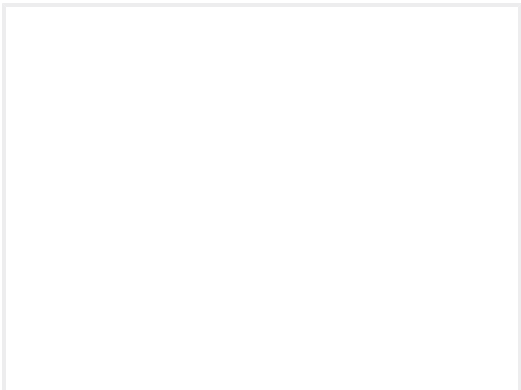
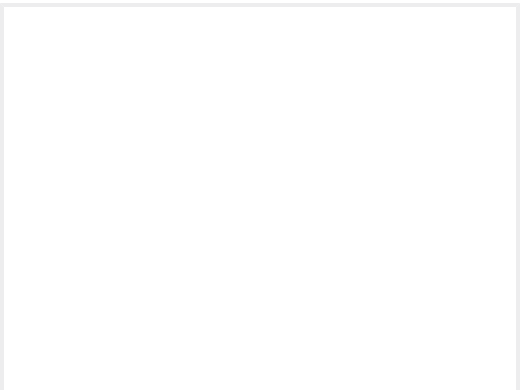
Product Compliance Disclaimer

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



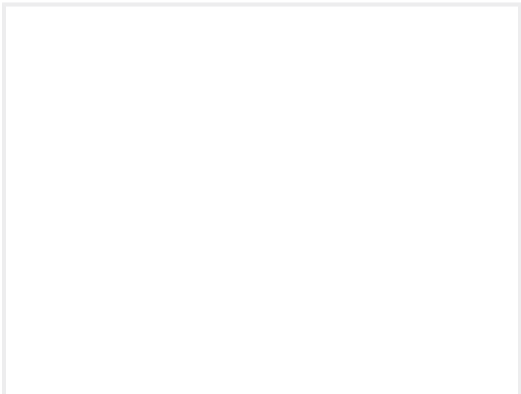
articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling 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 # 2326093-1 CAGE ASSY, QSFP28 1X1, SPRING, LP	 TE Part # 2227249-1 1x4 Cage Assy Bhnd Bzl QSFP28	 TE Part # 2304807-2 CAGE ASSY, QSFP28 1X1, SPRING, HS	 TE Part # 2316805-1 CAGE ASSY, QSFP28 1X1, GASKET, HS
 TE Part # 2170752-5 CAGE ASSEMBLY, QSFP28 1X1, GASKET	 TE Part # 2170708-6 CAGE ASSY, 1X6, QSFP28, SPRING, HS, LP	 TE Part # 2170826-5 CAGE ASSEMBLY, 1X2, QSFP28, SPRING,HS,LP	 TE Part # 2309399-1 QSFP28, 1X3, CAGE ASSEMBLY, SPRING, HS
 TE Part # 2170706-4 CAGE ASSEMBLY, 1X6, QSFP28, SPRING	 TE Part # 2170706-5 CAGE ASSEMBLY, 1X6, QSFP28, SPRING	 TE Part # 2294662-2 CAGE ASSY,1X4, QSFP28,SPRING, HS, DUAL LP	 TE Part # 2306205-2 CAGE ASSY, QSFP28 1X1, GASKET, CZD HS
 TE Part # 1-2170708-1 CAGE ASSY, 1X6, QSFP28, SPRING, CSHS, LP	 TE Part # 1551910-2 Housing for zQSFP+, 38 positions	 TE Part # 2170773-7 CAGE ASSY, QSFP28 1X1, SINGLE LP	 TE Part # 4-2170814-6 QSFP28, 1X2, CAGE ASSY, GASKET, HS, LP



TE Part # 2170814-6
QSFP28, 1X2, CAGE ASSY, GASKET, HS, LP



TE Part # 2306820-1
QSFP28, 1X2, CAGE ASSY, SPRING, HS, C LP

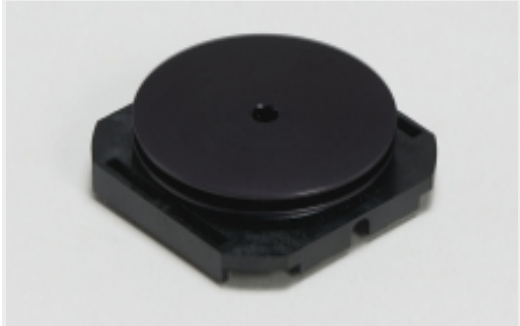


TE Part # 1-2170704-1
CAGE ASSY, QSFP28 1X1, SPRING, HS

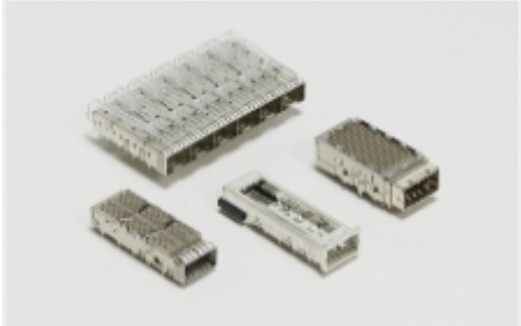


TE Part # 5-2170703-4
CAGE ASSEMBLY, QSFP28 1X1, SPRING

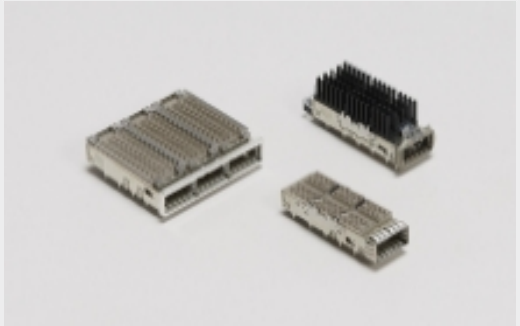
Also in the Series | **zQSFP+/QSFP28**



Heat Sinks(7)



Pluggable IO Connectors & Cages(424)



QSFP, QSFP+ & zQSPF+(424)

Customers Also Bought



TE Part #1744201-1
EP-II CONTACT LANCELESS, 20-16



TE Part #1735801-1
2.0mm,Crimp,Contact



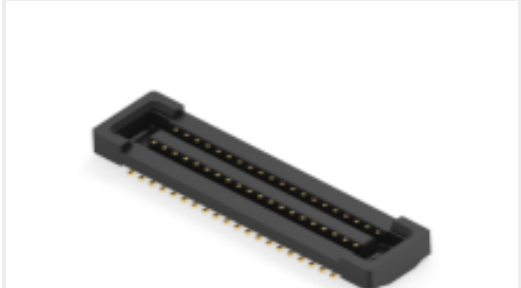
TE Part #33462
TERMINAL,SOLIS R 8 5/16



TE Part #2-1241961-7
STD TIM HOUSING MKII 3POS



TE Part #1744416-6
6 POS EP II HSG, GLOW WIRE



TE Part #4-2363961-0
0.4mm BTB CONN H0.8 REC ASSEMBLY, 40P



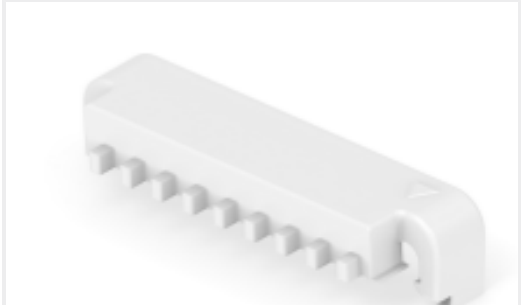
TE Part #1744544-2
EP II TPA 02P, BLACK



TE Part #440129-8
2.0MM,HSG,8POS



TE Part #119977-E
IBRFHG VE 10 CSI 208 BAG J 3 119979 IBRI



TE Part #119987-E
IBRCMP RET 10 VE 208 BAG J 3 119980 IBRI



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2333842-8_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2333842-8_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2333842-8_A.3d_stp.zip

English

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Product Specifications

Product Specification

English