



QSFP/QSFP+

TE Internal #: 2053453-2
QSFP to SFP+ Cable Assembly, 16 Positions, 1 m [3.28 ft], 10 Gb/s,
Black Cable, Shielded, 30 AWG, .051 mm² Wire, QSFP Plug End A,
SFP+ Plug End B, CL2

[View on TE.com >](#)

Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies > QSFP-Four SFP+ I/O Cable Assembly 30 AWG



Cable Assembly Type: **QSFP to SFP+**
Number of Positions: **16**
Cable Assembly Length: **1 m [3.28 ft]**
Data Rate: **10 Gb/s**
Cable Color: **Black**

[All QSFP-Four SFP+ I/O Cable Assembly 30 AWG \(6\)](#)

Features

Product Type Features

Latching Style	Retractable Pin, Slide Latch
Cable Assembly Category	High Speed
Cable Assembly Type	QSFP to SFP+
Cable Style	Madison TurboTwin, Madison TurboTwin - Round Jacketed
Cable Assembly (End A)	QSFP Plug
Cable Assembly (End B)	SFP+ Plug

Configuration Features

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

Electrical Characteristics

Impedance	100 Ω
-----------	-------



Signal Characteristics

Data Rate	10 Gb/s
-----------	---------

Body Features

Jacket Material	Flexible PVC
Strain Relief Type	Heat Shrink Tubing, Overmold
Shield Material	Flexible PVC
Cable Color	Black
Equalized	No
Cable Flammability Rating	CL2

Mechanical Attachment

Mating Alignment	Without
------------------	---------

Dimensions

Wire Size	.051 mm²
Outside Cable Diameter	4.37 mm[.172 in]

Operation/Application

Shielded	Yes
----------	-----

Other

Cable Assembly Configuration	Double Ended
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 with Exemptions
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: JAN 2025 (247) SVHC > Threshold: DIHP (15% in 4572568) 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (15% in 8693597861) TBPH (15% in 23312351700)



Pb (3.7% in 74019106)
Pb (1.8% in Component Part)

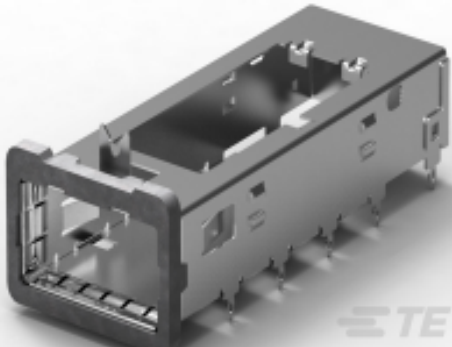
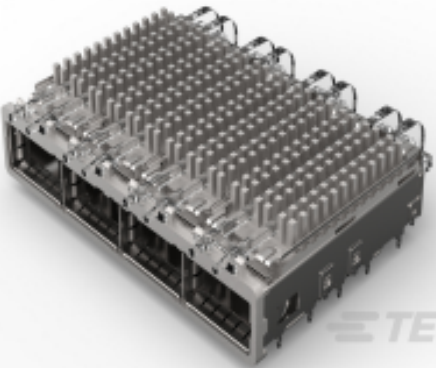
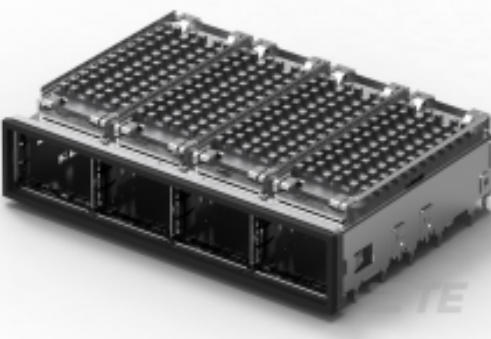
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to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

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

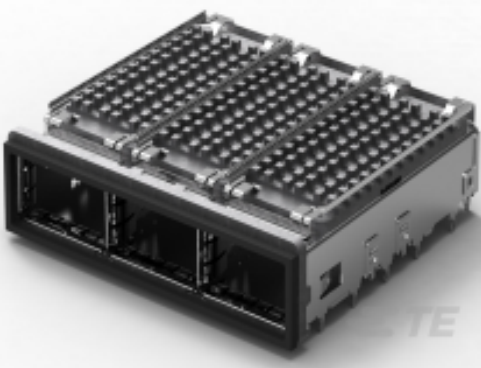
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2170207-1 1X6 QSFP CAGE ASSEMBLY THRU BEZEL WITH	 TE Part # 2007477-1 1xN QSFP Bhnd Bzl Dbl LP, 59.2 Long	 TE Part # 2170287-4 1X4 CAGE ASSEMBLY, THRU BEZEL, W/ GASKET	 TE Part # 2170111-1 QSFP BEHIND BEZEL ASSEMBLY, CAGE ASSEMBLY
 TE Part # 2170207-2 1X6 QSFP CAGE ASSEMBLY THRU BEZEL WITH	 TE Part # 2007625-2 1x4 QSFP Assy Bhnd Bzl,SAN	 TE Part # 2170567-2 1x4 QSFP Kit Assy LP&HS, Customerized HS	 TE Part # 2170290-1 1x4 QSFP Kit Assy, Foam,HS, PCI



TE Part # 2053453-7
C/A, QSFP TO 4XSFP+, 2.5M



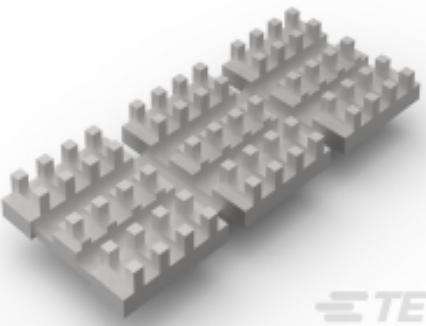
TE Part # 2174769-1
1x3 QSFP Kit Assy Bhnd Bzl,w/gasket, PCI



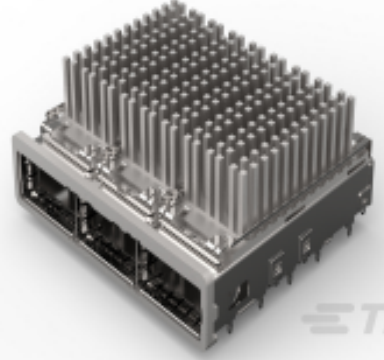
TE Part # 2170287-6
1X4 CAGE ASSEMBLY, THRU BEZEL, W/ GASKET



TE Part # 2007456-4
1X3 QSFP KIT ASSY BHND BZL, CUSTOMERIZED



TE Part # 2170110-1
QSFP DOUBLE SAN HEATSINK 4.2 MM TALL



TE Part # 2007456-3
1x3 QSFP Kit Assy Bhnd Bzl, Networking



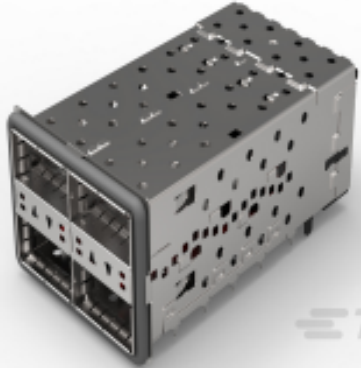
TE Part # 2085945-3
QSFP+ Assy, 2x1, Gskt, 4LP-All, Sn EONs



TE Part # 1888634-1
Light Pipe, QSFP



TE Part # 1888972-3
Cage Assy PCI Hsink LP QSFP Thru Bezel



TE Part # 2214574-2
2X2 QSFP CAGE AND PT CONNECTOR ASSEMBLY

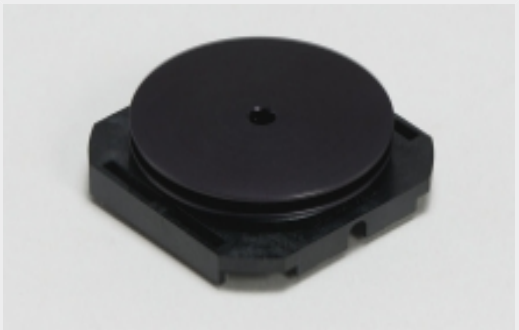


TE Part # 2214574-6
2X2 QSFP CAGE AND PT CONNECTOR ASSEMBLY



TE Part # 2085945-5
QSFP+ Assy, 2x1, Gskt, 2LP-Outr, Sn EONs

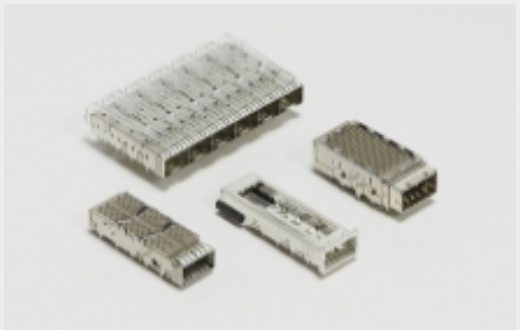
Also in the Series | **QSFP/QSFP+**



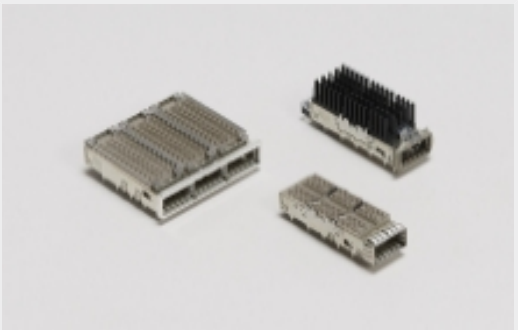
Heat Sinks(1)



Light Pipes(8)



Pluggable IO Connectors & Cages(154)



QSFP, QSFP+ & zQSPF+(154)

Customers Also Bought



TE Part #7-1623746-0
ER74 R068 5% AMM0 PK



TE Part #1623927-8
CFR16 5% 120R



TE Part #205168-1
AMPLIMITE,ASY,PLUG,STD,109,4



TE Part #2323766-7
DD-DD, 30AWG 2-8PR, 1.75M



TE Part #2323767-3
DD-DD, 28AWG 2-8PR, 2.0M



TE Part #747238-4
25 MSFL PLUG RA 318 (IN,FM)

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2053453-2_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2053453-2_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2053453-2_J.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

4-1773455-3 - Quick Reference Guide SFP+ Solutions

English

9-1773458-9_QSFP/QSFP+_HIGH_SPEED_COPPER_CABLE_ASSEMBLIES

English