2053638-1 ✔ ACTIVE

QSFP/QSFP+

TE Internal #: 2053638-1

QSFP Cable Assembly, 16 Positions, 3.281 ft [1 m], 10 Gb/s, Black Cable, Shielded, 30 AWG, .051 mm²

View on TE.com >

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





Cable Assembly Type: **QSFP**

Equalized: **No**

Wire Size: **.051 mm²**

Outside Cable Diameter: **6.48 mm [.255 in]**

All QSFP to QSFP I/O Cable Assembly: 30 AWG (4)

Features

Product Type Features

Latching Style	Slide Latch
Cable Assembly Category	High Speed
Cable Assembly Type	QSFP
Connector Type (End A)	QSFP Plug
Connector Type (End B)	QSFP Plug
Cable Style	Madison TurboTwin, 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	10 Gb/s

Body Features

Strain Relief Type	Heat Shrink Tubing
Shield Material	Aluminum/Polyester Tape/Tin-Plated Copper Braid
Jacket Material	Flexible PVC
Equalized	No
Cable Color	Black
Cable Flammability Rating	CL2

Contact Features

Contact Mating Area Plating Material	Gold

Mechanical Attachment

Mating Alignment	Without

Housing Features

Housing Material	Zinc Die

Dimensions

Wire Size	.051 mm²
Outside Cable Diameter	6.48 mm[.255 in]

Operation/Application

Shielded	Yes
Halogen Free	No

Other

Cable Assembly Configuration	Double Ended
Cable Assembly Length	1 m[3.281 ft]

Product Compliance

For compliance documentation, visit the product page on TE.com>

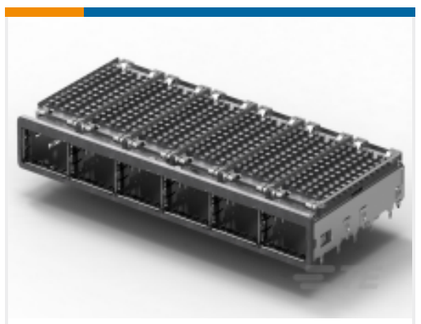
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235)

	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 applicable for solder process capability

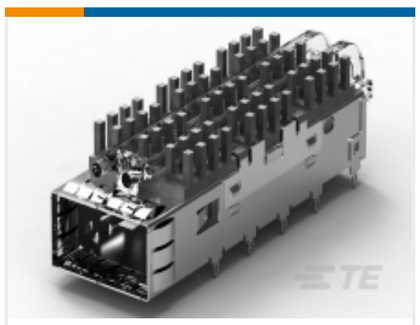
Product Compliance Disclaimer

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 # 2143330-1
1X6 QSFP Kit Assy Bhnd Bzl,PCI



TE Part # 1888971-1
Cage Assy Thru Bezelw/LP San, QSFP



TE Part # 1888631-1
Cage Assy PCI Hsink QSFP Thru



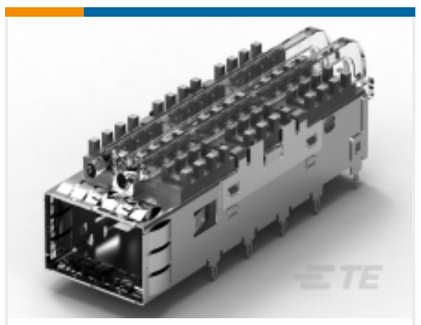
TE Part # 2007626-1
1x4 QSFP Kit Assy Sqr LP, SAN Htsnk

TE Part # 2085945-1
QSFP+ Assy, 2x1, Gskt, 2LP-Outr, Sn EONs

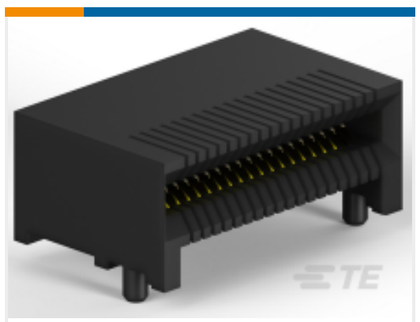
TE Part # 2007456-1
1x3 QSFP Kit Assy Bhnd Bzl,PCI

TE Part # 1888781-1
Cage Assy Behind Bezel QSFP

TE Part # 1888617-1
Cage Assy, QSFP, Through Bezel



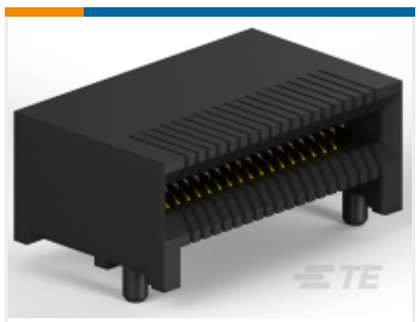
TE Part # 1888971-3
QSFP TB Cage Assy, w/LP, PCI HS



TE Part # 1-1761987-8
ReceptacleConnAssm38PosTape/Re



TE Part # 1888631-2
Cage Assy SAN Hsink QSFP Thru Bezel



TE Part # 1761987-9
ReceptacleConnAssm38PosTape/Re



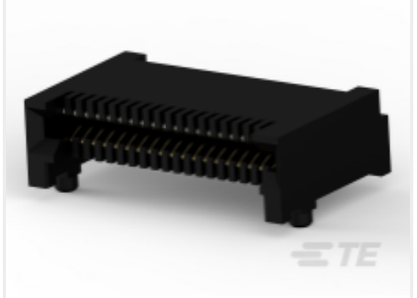
TE Part # 2007304-1
Heat sink Clip QSFP



TE Part # 1888968-1
Cage Assy PCI Hsink QSFP Behind Bezel



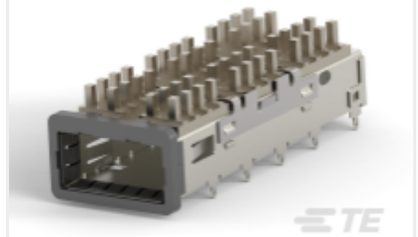
TE Part # 2110487-1
QSFP Cage, Solder Leg, No HS Opening



TE Part # 2110819-1
QSFP+ Enh EVERCLEAR PT Conn



TE Part # 1888674-1
Cage Assy, QSFP, Through Bezel



TE Part # 1888968-2
Cage Assy SAN Hsink QSFP Behind Bezel

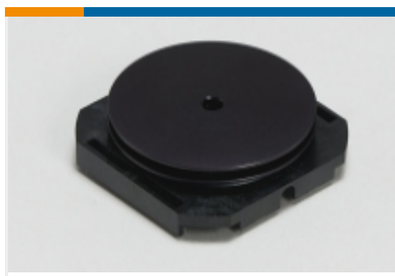


TE Part # 2007626-2
1x4 QSFP Kit Assy Sqr LP, Networking



TE Part # 2085945-7
QSFP+ Assy, 2x1, Gskt, 4LP-All, Sn EONs

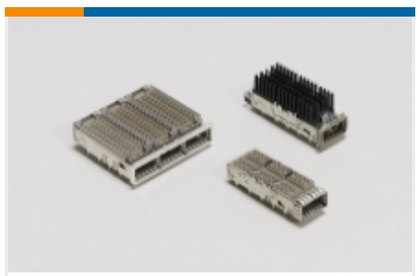
Also in the Series | QSFP/QSFP+



Heat Sinks(1)



Pluggable I/O Cable Assemblies(23)



QSFP, QSFP+ & zQSPF+(158)

Customers Also Bought



TE Part #206070-8
CABLE CLAMP KIT #17



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



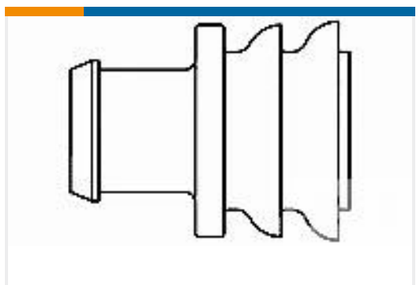
TE Part #W2S
Wedgelocks: DEUTSCH DT



TE Part #0462-201-16141
DEUTSCH Solid Contacts



TE Part #282080-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL

Documents

Product Drawings

C/A, QSFP, 1M, P1-P2, UNEQUALIZED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2053638-1_Y.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2053638-1_Y.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2053638-1_Y.3d_stp.zip

English

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

Datasheets & Catalog Pages

1773408-1 Pluggable Input/Output Solutions catalog - QSFP section

English

9-1773458-9_QSFP/QSFP+_HIGH_SPEED_COPPER_CABLE_ASSEMBLIES

English

Product Environmental Compliance

TE Material Declaration

English