



QSFP/QSFP+

TE Internal #: 2053638-3

TE Internal Description: C/A, QSFP, 3M, P1-P2, UNEQUALIZED

QSFP to QSFP I/O Cable Assembly: 30 AWG

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



Cable Assembly Type: **QSFP to QSFP**

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

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

Wire Size: **.051 mm²**

[All QSFP to QSFP I/O Cable Assembly: 30 AWG \(1\)](#)

Features

Product Type Features

Latching Style	Slide Latch
Cable Assembly Category	High Speed
Cable Assembly Type	QSFP to QSFP
Cable Assembly (End A)	QSFP Plug
Cable Assembly (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
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Signal Characteristics



Data Rate	10 Gb/s
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Body Features

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

Contact Features

Contact Mating Area Plating Material	Gold (Au)
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Mechanical Attachment

Mating Alignment	Without
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Housing Features

Housing Material	Zinc Die
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Dimensions

Wire Size	.051 mm ²
Outside Cable Diameter	6.48 mm[.255 in]

Operation/Application

Shielded	Yes
Halogen Free	No

Other

Cable Assembly Configuration	Double Ended
Cable Assembly Length	3 m[9.842 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 Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)



Candidate List Declared Against: JUNE 2023 (235)

SVHC > Threshold:

Pb (3.7% in Component Part)

MCCP (1.8% in Component Part)

TBPH (15% in Component Part)

Article Safe Usage Statements:

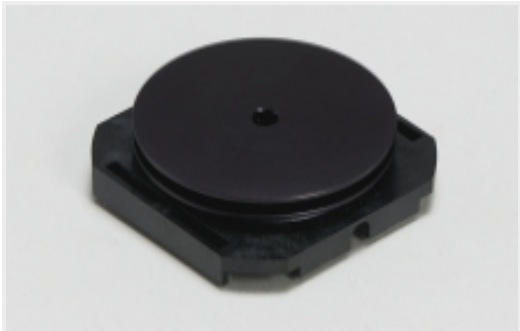
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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>

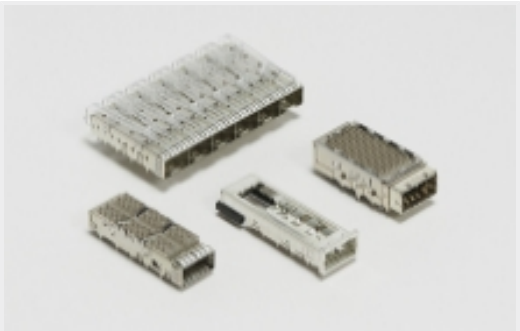
Also in the Series | QSFP/QSFP+



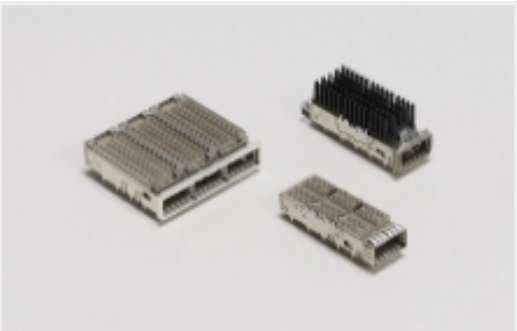
Heat Sinks(1)



Light Pipes(6)



Pluggable IO Connectors & Cages(142)



QSFP, QSFP+ & zQSFP+(142)

Customers Also Bought



TE Part #1SNA230030R0700
RC55 1->100 HORIZONTAL



TE Part #108961-000
D-406-0003



TE Part #34105
SOLIS R 22-16 COMM 22-18 MIL 6



TE Part #640911-1
RECEPT,PIDG FASTON 22-18 205





TE Part #826949-5
5P MOD2 STIFT LEI



TE Part #1-1825910-4
FSM8JH=6MM TACT SWITCH, HIGH TEMP

TE Part #1SNA164716R2100
BA2



TE Part #6485470001
CM-SCE-1/4-4H-9

Documents

Product Drawings

C/A, QSFP, 3M, P1-P2, UNEQUALIZED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2053638-3_Y.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2053638-3_Y.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2053638-3_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