

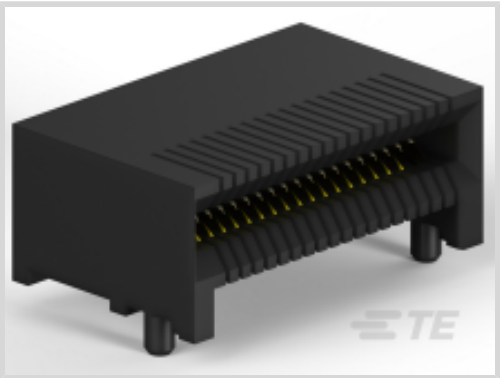


QSFP/QSFP+

TE Internal #: 1761987-9
QSFP+, Connector, .8mm [.032in] Centerline, Signal, Operating Temperature Range -55 – 105 °C [-67 – 221 °F], Data Rate (Max) 14 Gb/s, 38 Position

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Connectors > High Speed Pluggable IO Connectors & Cages



Pluggable I/O Product Type: **Connector**
Centerline (Pitch): **.8 mm [.032 in]**
Sealable: **No**
Circuit Application: **Signal**
Operating Temperature Range: **-55 – 105 °C [-67 – 221 °F]**

Features

Product Type Features

Pluggable I/O Product Type	Connector
Sealable	No
Form Factor	QSFP+

Configuration Features

Number of Positions	38
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Electrical Characteristics

Data Rate (Max)	14 Gb/s
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Contact Features

Contact Current Rating (Max)	.5 A
Contact Mating Area Plating Material	Gold (Au)
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]

Termination Features

Termination Method to PCB	Surface Mount
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Housing Features

Centerline (Pitch)	.8 mm[.032 in]
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Dimensions



PCB Thickness (Recommended)	1.45 mm[.057 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tape
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Product Compliance

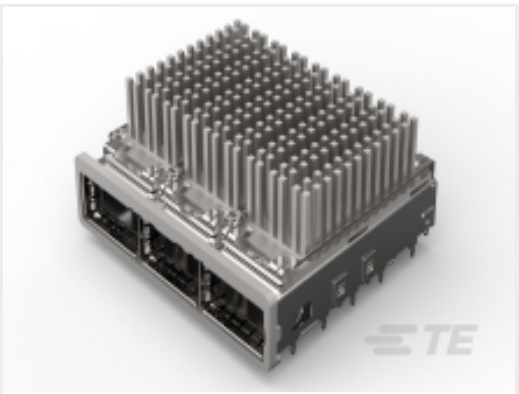
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

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



TE Part # 2007625-2
1x4 QSFP Assy Bhnd Bzl, SAN



TE Part # 1888972-1
Cage Assy SAN Hsink LP QSFP Thru Bezel



TE Part # 2057042-2
1x3 QSFP Kit Assy LP&HS, SAN



TE Part # 2057042-1
1x3 QSFP Kit Assy LP&HS, PCI



TE Part # 2057183-2
1x4 QSFP Kit Assy, LP& HS, SAN



TE Part # 2053453-2
C/A, QSFP TO 4XSFP+, 1.0M



TE Part # 2057183-3
1x4 QSFP Kit Assy, LP&HS, Networking



TE Part # 2007625-1
1x4 QSFP Kit Assy Bhnd Bzl, PCI



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



TE Part # 1888968-3
Cage Assy. Behind Bezel w/ NW HS, QSFP



TE Part # 1888631-3
Cage Assy NW Hsink QSFP Thru Bezel



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



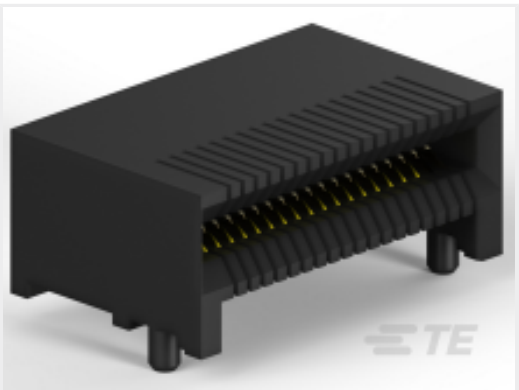
TE Part # 2053453-1
C/A, QSFP TO 4XSFP+, 0.5M



TE Part # 3-2053638-0
C/A, QSFP TO QSFP, 33AWG, 0.5 MR



TE Part # 3-2053638-4
C/A, QSFP TO QSFP, 33AWG, 2.5 MR



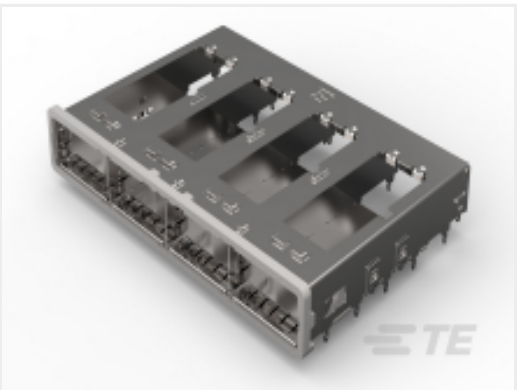
TE Part # 1761987-5
Right Angle Receptacle 38 Posi



TE Part # 1-2053638-6
C/A, QSFP, 0.5M, P1-P2, UNEQUALIZED

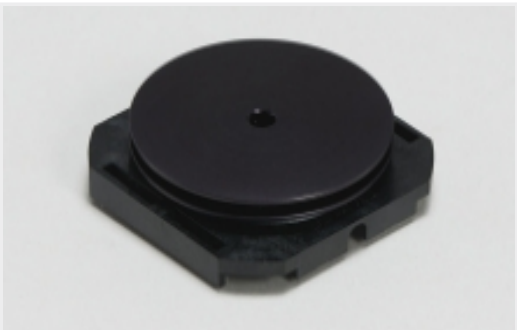


TE Part # 2007456-2
1x3 QSFP Kit Assy Bhnd Bzl, SAN



TE Part # 2007667-1
1x4 QSFP Cage Assy Behind Bzl

Also in the Series | QSFP/QSFP+



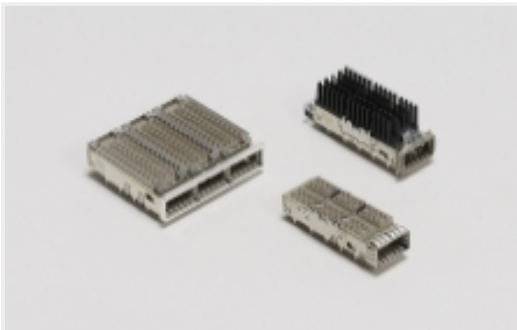
Heat Sinks(1)



High Speed I/O Cable Assemblies(12)



Light Pipes(6)



QSFP, QSFP+ & zQSPF+(143)

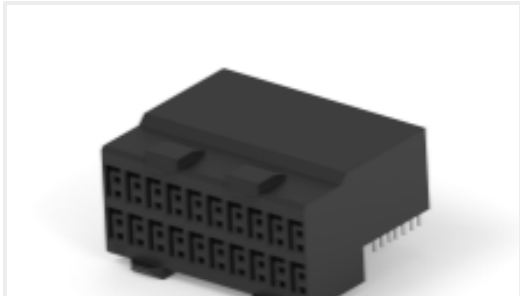
Customers Also Bought



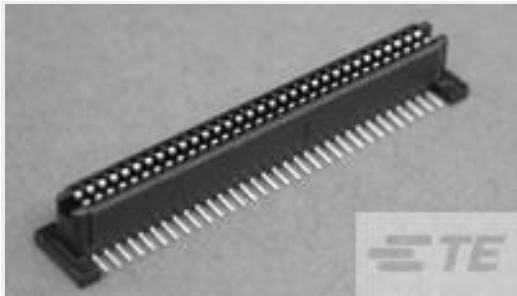
TE Part #1-2040832-4
EMBOSS TAPING 0.25FPC BF-L-1.3



TE Part #2110304-1
SFP+ 1x1 Cage Assembly, Solder Tail



TE Part #2329397-1
RECEPTACLE HM-EZD+, 2PAIRS 10COLUMNS



TE Part #5120521-1
1FHR,64,30A/S,S,N,S08,09,10



TE Part #5120527-1
1FHP,64,30A/S,S,N,S10,12,13,15



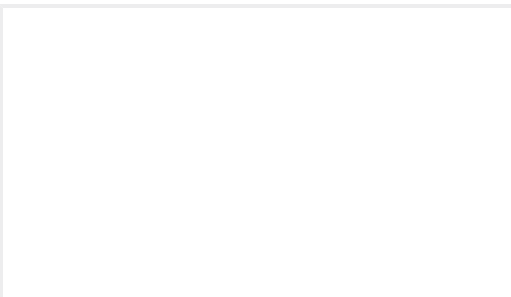
TE Part #5120913-9
UPM KEYED GUIDE MODULE, M3



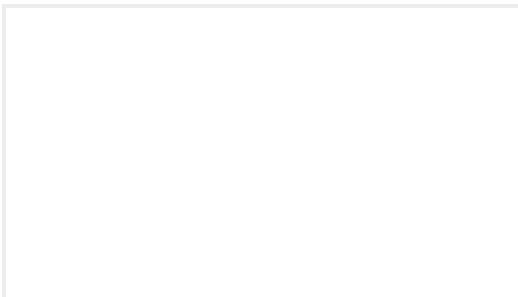
TE Part #5352068-4
Z-PACK/A RAF 110P



TE Part #5535068-5
ASSY,RECEPTACLE,EURO,TYPE C/2,L-FREE,A&C



TE Part #2354315-1
SFP+ 1X1 CAGE ASSY, ST, HSK, WO KICK-OUT



TE Part #5796055-5
68 CHAMP R/A ASSY,LC

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_1761987-9_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1761987-9_A.3d_igs.zip



English

Customer View Model

ENG_CVM_CVM_1761987-9_A.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

1-1773717-8_PLUGGABLEIO_QRG_TCN

English

4-1773455-5 - Quick Reference Guide QSFP/QSFP+ Solutions

English

Quad Small Form-factor Pluggable (QSFP) Products Datasheet 6-1773447-7

English

1-1773717-7_PLUGGABLE_IO_QRG_CN

English

1-1773717-9_HIGH_SPEED_IO_QRG_JA

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English