



Connectors > Pluggable IO Connectors & Cages



Form Factor: **QSFP+**
Pluggable I/O Product Type: **Cage Assembly**
Sealable: **No**
Circuit Application: **Signal**
Operating Temperature Range: **-55 – 105 °C [-67 – 221 °F]**

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	2.2 mm[.086 in]

Contact Features

PCB Contact Termination Area Plating Material	Tin
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Dimensions

PCB Thickness (Recommended)	1.45 mm[.057 in]
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Housing Features

Cage Material	Nickel Silver
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Body Features

Heat Sink Style	Pin
Heat Sink Finish	Anodized Black
	.165 in
Heat Sink Height Class	PCI

Packaging Features

Packaging Method	Box & Tray
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Configuration Features

Number of Rear EONs per Port Column	1
Number of Ports	3
Port Matrix Configuration	1 x 3

Operation/Application

Pluggable I/O Applications	SFP+ Stacked Belly-to-Belly
Circuit Application	Signal

Product Type Features

Cage Type	Ganged
Thermal Accessory Type Included	Heat Sink
Form Factor	QSFP+
Pluggable I/O Product Type	Cage Assembly
Sealable	No

Electrical Characteristics

Data Rate (Max)	14 Gb/s
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Other

Included Lightpipe	Yes
EMI Containment Feature Type	Customer Applied Gasket
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 2829040-6
QSFP IB EDR, 30AWG, 2.0M



TE Part # CAT-C11-H50111
QSFP-Four SFP+ I/O Cable Assembly
30 AWG



TE Part # 2202165-5
QSFP TO QSFP, 26AWG, FDR, 5.0
METER



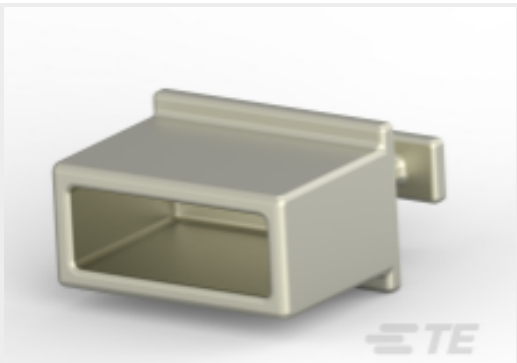
TE Part # 2202165-4
QSFP TO QSFP, 26AWG, FDR, 4.0
METER



TE Part # 2829040-7
QSFP IB EDR, 26AWG, 2.0M



TE Part # 2829040-8
QSFP IB EDR, 26AWG, 3.0M



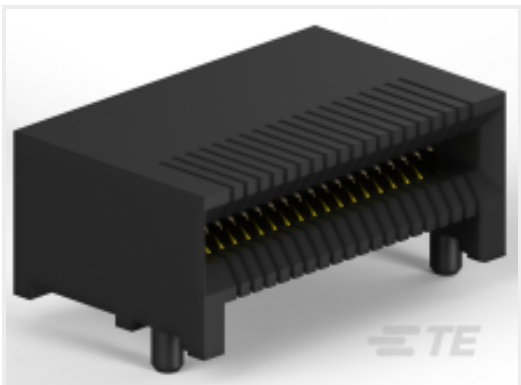
TE Part # 1888810-2
EMI/Dust Cover,XFP And QSFP



TE Part # 2053453-5
C/A, QSFP TO 4XSFP+, 4.0M



TE Part # 2829040-2
QSFP IB EDR, 33AWG, 1.0M



TE Part # 1761987-9
ReceptacleConnAssm38PosTape/Re



TE Part # CAT-C11-H5011142
QSFP to QSFP I/O Cable Assembly: 33
AWG



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



TE Part # 2829040-4
QSFP IB EDR, 30AWG, 1.0M

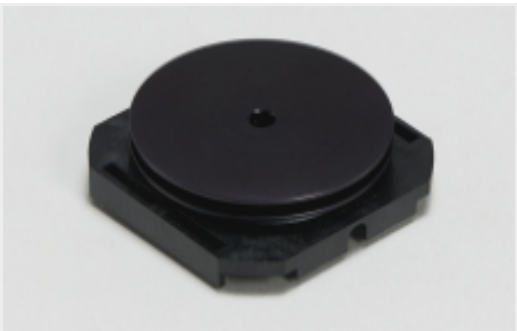


TE Part # 2821033-8
QSFP TO [4]SFP+, 28G, 1M, 33AWG



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

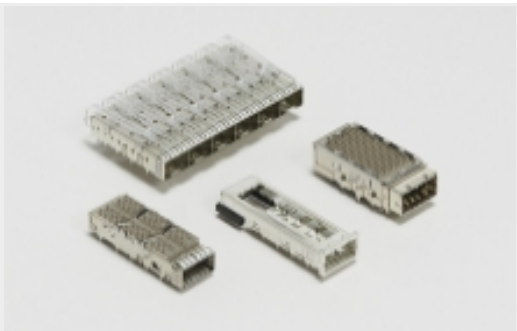
Also in the Series | **QSFP/QSFP+**



Heat Sinks(1)



Light Pipes(8)



Pluggable IO Connectors & Cages(154)

Customers Also Bought



TE Part #5207719-3
KIT SCREWLOCK FEMALE CLEAR ZIN



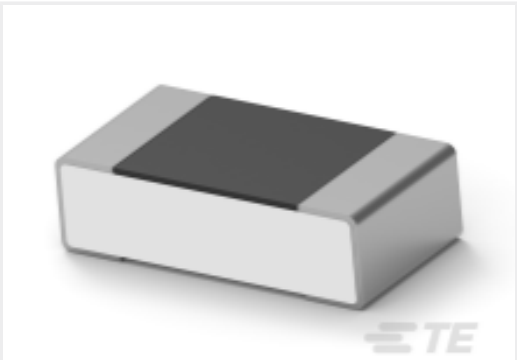
TE Part #5-146280-2
02 MODII HDR SRST B/A .100CL



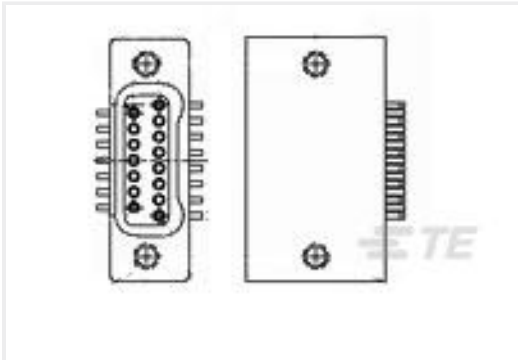
TE Part #1981568-1
MICRO USB, TYPE B,



TE Part #2170288-1
1X4 CAGE ASSEMBLY, THRU BEZEL, QSFP



TE Part #9-2176371-6
RQ 0603 45K3 0.1% 10PPM 5K RL



TE Part #1589484-2
STL009L42KN = SMT CONN



TE Part #1405027-2
GASKET



TE Part #767096-8
MICT,REC,038,ASY,.025,TAPE,CAP

Documents

Product Drawings
1x3 QSFP Kit Assy LP&HS, PCI

English

CAD Files
3D PDF

3D



Customer View Model

[ENG_CVM_CVM_2057042-1_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2057042-1_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2057042-1_F.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

[4-1773455-5 - Quick Reference Guide QSFP/QSFP+ Solutions](#)

English

Product Specifications

[Product Specification](#)

English