



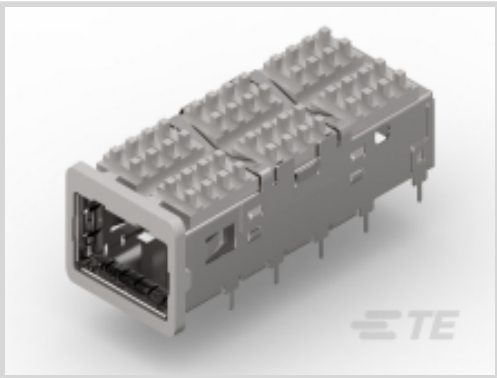
QSFP/QSFP+

TE Internal #: 2170395-1

QSFP+, Cage Assembly, Sealable, Signal, Operating Temperature Range -55 – 105 °C [-67 – 221 °F], 1 Ports, Port Matrix Configuration 1 x 1

[View on TE.com >](#)

Connectors > Pluggable IO Connectors & Cages



Form Factor: **QSFP+**
Pluggable I/O Product Type: **Cage Assembly**
Sealable: **Yes**
Circuit Application: **Signal**
Operating Temperature Range: **-55 – 105 °C [-67 – 221 °F]**

Features

Product Type Features

Cage Type	Single
Thermal Accessory Type Included	Heat Sink
Form Factor	QSFP+
Pluggable I/O Product Type	Cage Assembly
Sealable	Yes

Configuration Features

Number of Rear EONs per Port Column	2
Number of Ports	1
Port Matrix Configuration	1 x 1

Body Features

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

Contact Features

PCB Contact Termination Area Plating Material	Tin
---	-----

Termination Features



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

Dimensions

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

Usage Conditions

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

Operation/Application

Pluggable I/O Applications	EMI Enhanced
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Method	Box & Tray
------------------	------------

Other

Included Lightpipe	No
EMI Containment Feature Type	Customer Applied Gasket

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 2829040-6
QSFP IB EDR, 30AWG, 2.0M



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



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



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



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



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



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



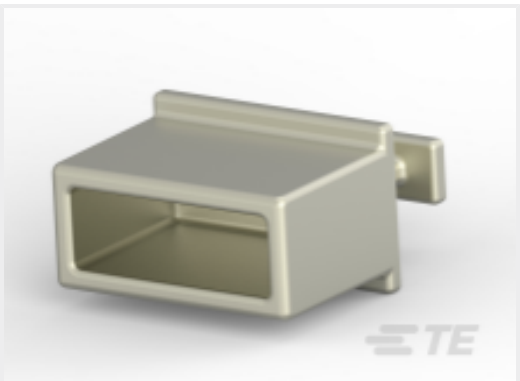
TE Part # 2202165-5
QSFP TO QSFP, 26AWG, FDR, 5.0
METER



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



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



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



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

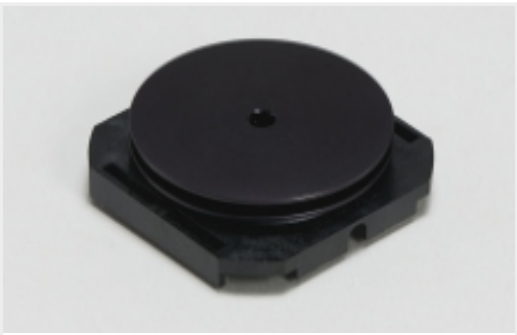


TE Part # CAT-C11-H5011142
QSFP to QSFP I/O Cable Assembly: 33
AWG



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

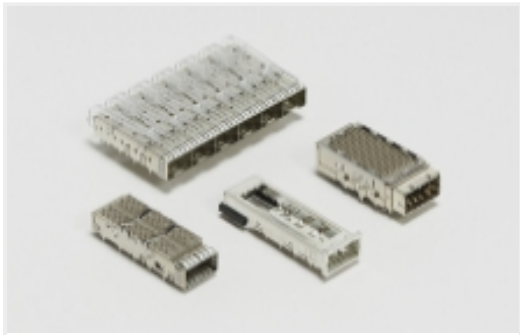
Also in the Series | QSFP/QSFP+



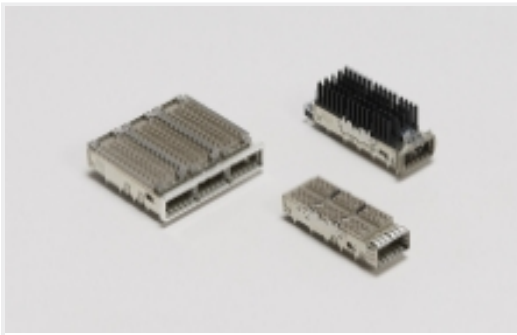
Heat Sinks(1)



Light Pipes(8)

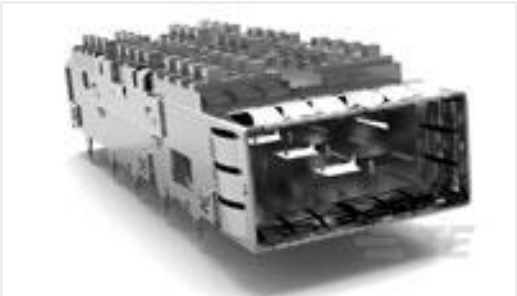


Pluggable IO Connectors & Cages(154)



QSFP, QSFP+ & zQSPF+(154)

Customers Also Bought



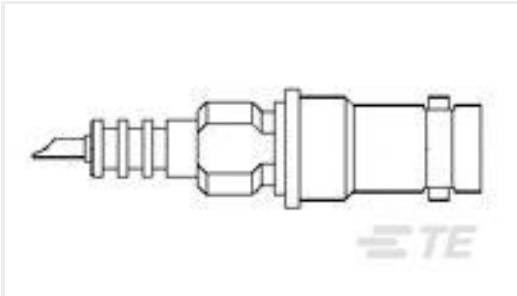
TE Part #1888631-1
Cage Assy PCI Hsink QSFP Thru



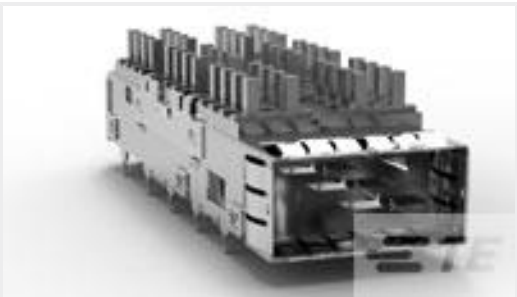
TE Part #650140-000
D-436-53



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



TE Part #5051494-1
SAFE HIGH VOLTAGE BLKHD RECEPT



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



TE Part #2170450-1
Cage Assy W/Hsink, Thru Bezel,



TE Part #1825255-1
MHS12204=SPDT SL SW VERT AG



TE Part #3-647166-3
3P MTA100 HDR ASSY,SM,FL,LF



TE Part #5228686-1
TWIN BNC PCB RCPT



TE Part #L9000332-01
2.4 Jack to 2.92 Jack

Documents

Product Drawings

Cage Assy PCI Hsink QSFP Behind Bezel

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2170395-1_1.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2170395-1_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2170395-1_1.3d_stp.zip](#)

English

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

Product Specifications

Application Specification

English