



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

Contact Features

Contact Current Rating (Max)	.5 A
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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]

Dimensions

PCB Thickness (Recommended)	2.2 mm[.086 in]
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Housing Features

Cage Material	Nickel Silver
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Body Features

Heat Sink Style	Pin
Heat Sink Finish	Electroless Nickel
	.335 in



Heat Sink Height Class	Custom
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Packaging Features

Packaging Method	Box & Tray
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Configuration Features

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

Operation/Application

Pluggable I/O Applications	SFP+ Stacked Belly-to-Belly
Heat Sink Compatible	No
Circuit Application	Signal

Product Type Features

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

Usage Conditions

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

Included Lightpipe	No
EMI Containment Feature Type	Internal/External EMI Springs
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: DEC 2014 (161)
SVHC > Threshold:
Not Yet Reviewed

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



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

Customers Also Bought



TE Part #2170704-2
CAGE ASSY, QSFP28 1X1, SPRING, HS



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



TE Part #2170704-1
CAGE ASSY, QSFP28 1X1, SPRING, HS



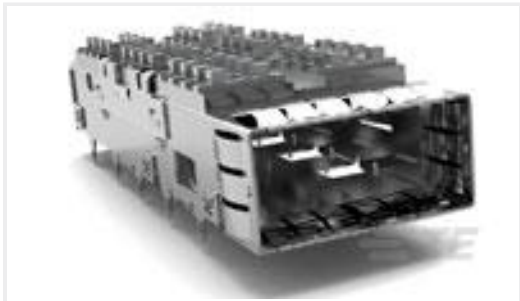
TE Part #2149730-1
SFP+ 1x4 Cage, Heatsinks and Lightpipes



TE Part #2170703-6
CAGE ASSEMBLY, QSFP28 1X1, SPRING



TE Part #641737-1
04P CMNL HDR ASSY R/A PC NATL



TE Part #2170395-1
Cage Assy PCI Hsink QSFP Behind Bezel



TE Part #2081889-1
EP-SMA,ADAPTER,STRAIGHT,27GHZ, F TO F



TE Part #2342933-1
QSFP-DD 1X1, STANDARD, W/ EXTRUDED HS



TE Part #2342933-2
QSFP-DD 1X1, STANDARD, W/ EXTRUDED HS

Documents

Product Drawings

Cage Assy W/Hsink, Thru Bezel,

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2170450-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2170450-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2170450-1_A.3d_stp.zip

English

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Product Specifications

Application Specification

English