

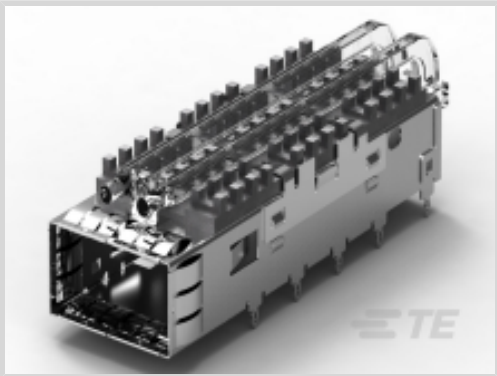


QSFP/QSFP+

TE Internal #: 1888971-3
QSFP+, Cage Assembly, Signal, Operating Temperature Range -55 – 105 °C [-67 – 221 °F], Data Rate (Max) 14 Gb/s, 1 Ports

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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

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Data Rate (Max)	14 Gb/s
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Body Features

Heat Sink Style	Pin
Heat Sink Finish	Anodized Black
Heat Sink Height	4.2 mm[.165 in]
Heat Sink Height Class	PCI

Contact Features

PCB Contact Termination Area Plating Material	Tin
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Termination Features

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

Housing Features

Cage Material	Nickel Silver
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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

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

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box & Tray
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Other

Included Lightpipe	Yes
EMI Containment Feature Type	Internal/External EMI Springs

Product Compliance

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

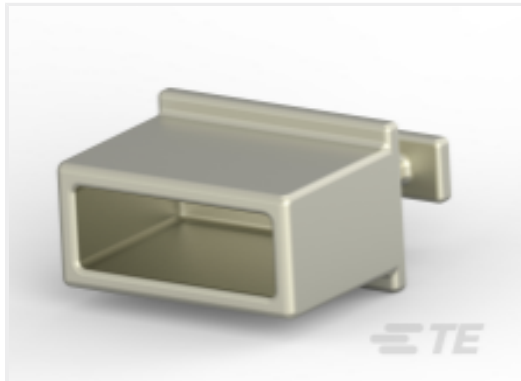
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 # 2829040-7 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 # 2829040-6 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 # 2829040-2 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 #2110819-1
QSFP+ Enh EVERCLEAR PT Conn

TE Part #4-1437565-2
FSM4JSMATR=TACT SWITCH 6X6MIL

TE Part #532939-1
HDI HDW - OCTAG NUT

TE Part #6368150-1
MJ,TE,8P,CAT5,SHIELDED

TE Part #1645568-1
12 ROW HM RA REC ASY 144P CTR

TE Part #120943-3
ASSEMBLY, R/A UPM RECPT, 5 POS

TE Part #2170704-5
CAGE ASSY, QSFP28 1X1, SPRING, HS

TE Part #6-100525-9
Z-PACK M.CODING KEY

TE Part #767096-1
MICT,REC,038,ASY,.025,TAPE PKG

TE Part #1393788-3
V23079A1001B301



Documents

Product Drawings

QSFP TB Cage Assy, w/LP, PCI HS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1888971-3_A2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1888971-3_A2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1888971-3_A2.3d_stp.zip

English

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

Product Specifications

Application Specification

English