

2170519-1 ✓ ACTIVE

QSFP/QSFP+

TE Internal #: 2170519-1

QSFP+, Cage, Signal, 1 Ports, Port Matrix Configuration 1 x 1,
Internal/External EMI Springs

[View on TE.com >](#)



Connectors > Pluggable IO Connectors & Cages



Pluggable I/O Product Type: **Cage**

Sealable: **No**

Circuit Application: **Signal**

Number of Ports: **1**

Port Matrix Configuration: **1 x 1**

Features

Product Type Features

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

Operation/Application

Circuit Application	Signal
Pluggable I/O Applications	SFP+ Stacked Belly-to-Belly
Heat Sink Compatible	Yes

Configuration Features

Number of Ports	1
Port Matrix Configuration	1 x 1

Other

Included Lightpipe	No
EMI Containment Feature Type	Internal/External EMI Springs
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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]

Dimensions

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

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box & Tray
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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	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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # CAT-C11-H5011
QSFP-Four SFP+ I/O Cable Assembly
30 AWG



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



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



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



TE Part # CAT-C11-H5011
QSFP-Four SFP+ I/O Cable Assembly
28 AWG



TE Part # CAT-C11-H501142
QSFP to QSFP I/O Cable Assembly: 33
AWG



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



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



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



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



TE Part # 2829040-6
QSFP IB EDR, 30AWG, 2.0M



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



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




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

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



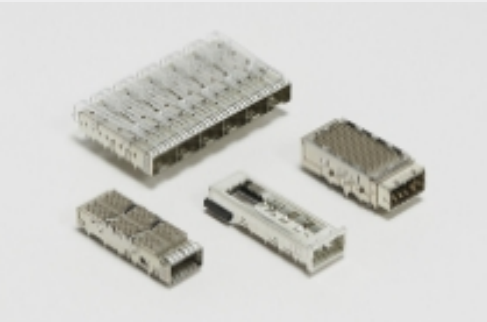
Heat Sinks(1)



Light Pipes(8)



Pluggable I/O Cable Assemblies(13)



Pluggable IO Connectors & Cages(154)

Customers Also Bought



TE Part #5039274019
DR-25-1/4-0-SP



TE Part #1-2199230-5
M.2 0.5PITCH 4.2H KEY M 15U" AU



TE Part #2-1879378-9
TLR 2512 1.0W R0015 1% 50PPM 2K RL



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



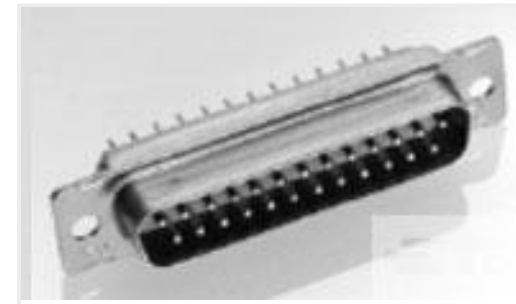
TE Part #148059-5
096 EURO TYP C RECP 17MM ASSY



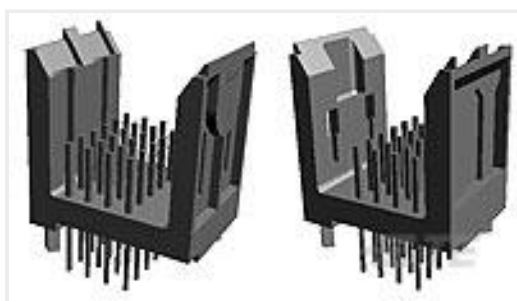
TE Part #2304372-1
1-PORT MATENET HDR ASSY 90DEG,
COD A



TE Part #1367500-1
30 POSN XFP CONN, ENHANCED



TE Part #1757828-1
AMPLIMITE,RCPT ASY,POSTD,109,ZN,
1



TE Part #5536501-3
2MM FB,ASY,96,SIG,HDR,SL,4.25

Documents

Product Drawings

[CAGE ASSEMBLY, THRU BEZEL, QSFP](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2170519-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2170519-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2170519-1_A.3d_stp.zip](#)

English

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Product Specifications



Application Specification

English