

2057855-1 ✓ ACTIVE

QSFP/QSFP+

TE Internal #: 2057855-1

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

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Connectors > Pluggable IO Connectors & Cages



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

Sealable: **No**

Circuit Application: **Signal**

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

Number of Ports: **1**

Features

Product Type Features

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

Configuration Features

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

Body Features

Heat Sink Finish	Anodized Black
Heat Sink Height	10.1 mm[.398 in]
Heat Sink Height Class	Custom
Heat Sink Style	Pin



Contact Features

PCB Contact Termination Area Plating Material	Tin
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Termination Features

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

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	Thermally Enhanced
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	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 2024 (240) Candidate List Declared Against: JAN 2021 (211) 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 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 # CAT-C11-H50111
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-H5011142
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+



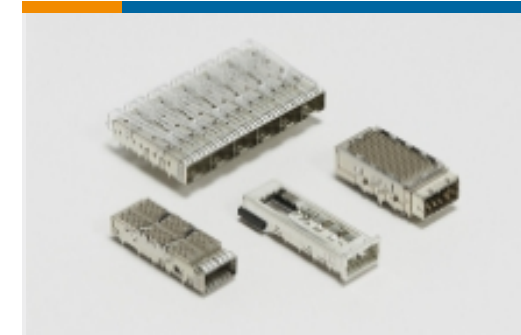
Heat Sinks(1)



Light Pipes(8)



Pluggable I/O Cable Assemblies(19)



Pluggable IO Connectors & Cages(154)

Customers Also Bought



TE Part # 9-1879215-1
CPF 0402 40K2 0.1% 25PPM 1K RL



TE Part # 1734248-8
1.0 FPC, ZIF V/T, SMT, 8P



TE Part # 321895
SOLIS R HT 22-16COMM22-18MIL 8



TE Part # 9-2176307-3
RP 1E 0.1W 113K 0.1% 25PPM 5K RL



TE Part # 9-2176307-8
RP 1E 0.1W 127K 0.1% 25PPM 5K RL



TE Part # 3-2176307-3
RP 1E 0.1W 26K7 0.1% 25PPM 5K RL



TE Part # 8-2176305-4
RP 1E 0.1W 787R 0.1% 25PPM 5K RL



TE Part # 2-2176363-6
RQ 0402 787R 0.1% 10PPM 5K RL



TE Part # ADP-BNCF-BNCF-B
BNC Jack to BNC Jack Bulkhead



TE Part # 2176263-5
RN 0402 26K7 0.1% 10PPM 5K RL



Documents

Product Drawings

[Cage Assy w/ Hsink QSFP Behind Bezel](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2057855-1_A1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2057855-1_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2057855-1_A1.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English