1888971-3 ✓ ACTIVE

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

View on TE.com >

Connectors > Pluggable IO Connectors & Cages
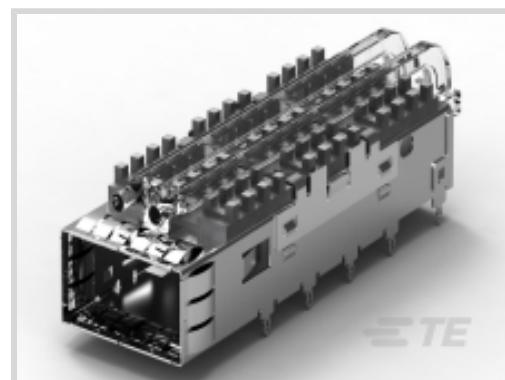
Pluggable I/O Product Type: **Cage Assembly**

Data Rate (Max): **14 Gb/s**

Sealable: **No**

Number of Ports: **1**

Port Matrix Configuration: **1 x 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

Electrical Characteristics

Data Rate (Max)	14 Gb/s

Body Features

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

Contact Features

PCB Contact Termination Area Plating Material	Tin

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

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	SFP+ Stacked Belly-to-Belly
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box & Tray

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

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

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 # CAT-C11-H501114

QSFP to QSFP I/O Cable Assembly: 30 AWG

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 # 2053638-4

C/A, QSFP, 4M, P1-P2, UNEQUALIZED

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)
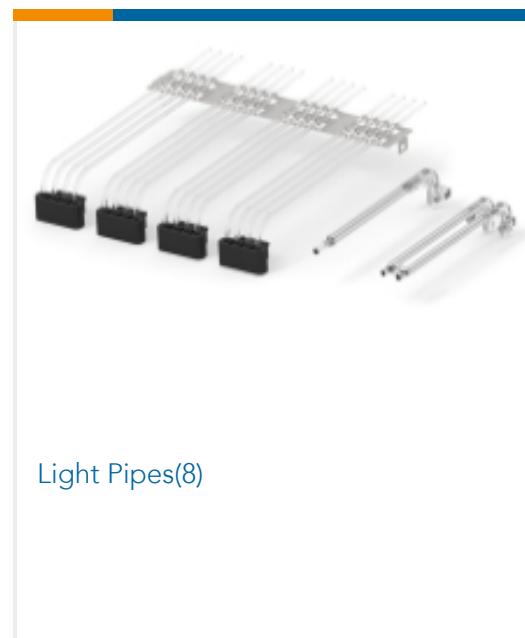
Light Pipes(8)
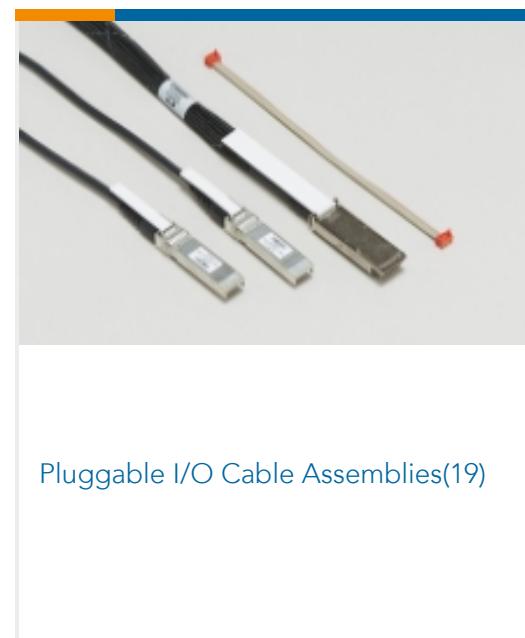
Pluggable I/O Cable Assemblies(19)

Pluggable IO Connectors & Cages(158)

Customers Also Bought

TE Part #5499922-3
A/L UNIV HDR 16P VERT LG LAT

TE Part #2199230-5
M.2 0.5PITCH 4.2H KEY B 30U'' AU

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

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

TE Part #8-2176364-1
RQ 0402 31K6 0.1% 10PPM 5K RL

TE Part #2176363-7
RQ 0402 499R 0.1% 10PPM 5K RL

TE Part #2176364-6
RQ 0402 5K23 0.1% 10PPM 5K RL

TE Part #1-2176364-5
RQ 0402 6K49 0.1% 10PPM 5K RL

TE Part #2-2170808-4
QSFP28, 1X2, CAGE ASSY, SPRING, HS, LP

TE Part #1757639-1
SMPM SURFACE MOUNT

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