2214574-4 ✓ ACTIVE

QSFP/QSFP+

TE Internal #: 2214574-4

QSFP+, Cage Assembly with Integrated Connector, .8mm [.032in]
Centerline, Sealable, Signal, Operating Temperature Range -55 –
105 °C [-67 – 221 °F]

View on TE.com >

Connectors > Pluggable IO Connectors & Cages

Pluggable I/O Product Type: **Cage Assembly with Integrated Connector**

Centerline (Pitch):   **.8 mm [.032 in]**

Sealable: **Yes**

Circuit Application: **Signal**

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

Features

Product Type Features

Cage Type	Stacked
Pluggable I/O Product Type	Cage Assembly with Integrated Connector
Sealable	Yes
Form Factor	QSFP+

Configuration Features

Number of Rear EONs per Port Column	0
Number of Positions	152
Number of Ports	4
Port Matrix Configuration	2 x 2

Electrical Characteristics

Data Rate (Max)	14 Gb/s

Contact Features

Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material	Gold
Contact Underplating Material	Tin
PCB Contact Termination Area Plating Material	Gold

Termination Features

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Termination Post & Tail Length	2 mm[.079 in]
Termination Method to PCB	Through Hole - Press-Fit

Housing Features

Cage Material	Nickel Silver
Centerline (Pitch)	.8 mm[.032 in]

Dimensions

PCB Thickness (Recommended)	1.57 mm

Usage Conditions

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

Operation/Application

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

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box & Tray

Other

Included Lightpipe	No
EMI Containment Feature Type	Elastomeric 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: JUNE 2024 (241) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 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

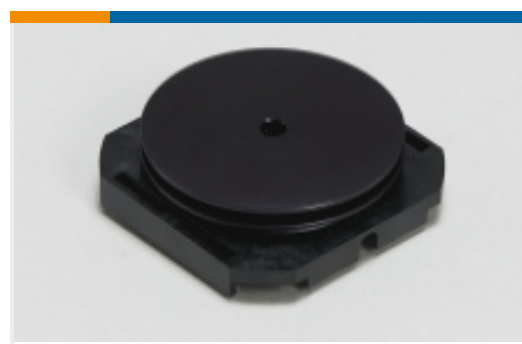TE Part # 2202165-4
QSFP TO QSFP, 26AWG, FDR, 4.0 METER

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

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

Also in the Series | QSFP/QSFP+

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Heat Sinks(1)
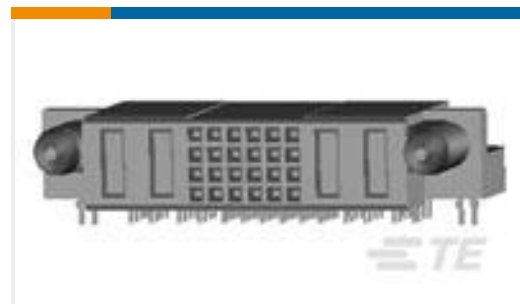
Light Pipes(8)

Pluggable I/O Cable Assemblies(19)

Pluggable IO Connectors & Cages(154)

Customers Also Bought

TE Part #292336-1
Std USB Type A, Flag, T/H

TE Part #1-6450160-0
MBXL R/A RCPT 2P+24S+2P

TE Part #2143313-2
IMP100S,H,RA2P16C,LG,OEW39,4.9

Documents

Product Drawings

2X2 QSFP CAGE AND PT CONNECTOR ASSEMBLY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2214574-4_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2214574-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2214574-4_A.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

Application Specification

English