2198373-2 ✓ ACTIVE

zQSFP+/QSFP28

TE Internal #: 2198373-2

zQSFP+, Cage Assembly with Integrated Connector, .8mm [.032in] Centerline, Sealable, Signal, Operating Temperature Range -40 – 85 °C [-40 – 185 °F]

zQSFP+/QSFP28

View on TE.com >

Connectors > High Speed 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: **-40 – 85 °C [-40 – 185 °F]**

Features

Product Type Features

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

Configuration Features

Number of Rear EONs per Port Column	3
Number of Positions	76
Number of Ports	2
Port Matrix Configuration	2 x 1

Electrical Characteristics

Data Rate (Max)	28 Gb/s

Contact Features

Contact Current Rating (Max)	.5 A
Contact Underplating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
PCB Contact Termination Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]

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Termination Features

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

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °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	Yes
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900

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	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 # 1888810-2

EMI/Dust Cover,XFP And QSFP

TE Part # 1551920-2

zQSFP+ connector assembly

Also in the Series | zQSFP+/QSFP28

High Speed Pluggable IO Connectors & Cages(394)

Pluggable I/O Cable Assemblies(78)

QSFP, QSFP+ & zQSPF+(394)

Customers Also Bought

2198373-2

zQSFP+, Cage Assembly with Integrated Connector, .8mm [.032in] Centerline,
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TE Part #CAT-313-RCB120

Receptacle Connector: Free Height,
PCB Mount for Parallel Stacking

TE Part #2007880-3

IMP100S,H,V6P10C,UG,OEW46,5.5

TE Part #2227670-1
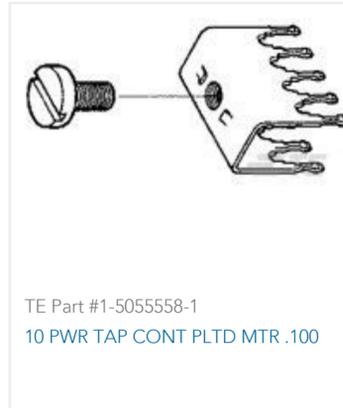
zQSFP+ STACKED RECEPTACLE
ASSEMBLY 2X2

TE Part #1-2324271-7

RIGHT SEGMENT LGA4189-5
SOCKETP5 FOR ODM

TE Part #1-2324271-8

LEFT SEGMENT LGA4189-5 SOCKET-
P5 FOR ODM

TE Part #2434992-2

SOCKET E2 TFLM KIT WITH COVER

TE Part #1-5055558-1

10 PWR TAP CONT PLTD MTR .100

TE Part #2379420-1

SOCKET E1 TFLM KIT W/O COVER

TE Part #2-6600313-1

MBXL VERT HDR 2P+12S

Documents

CAD Files
3D PDF

3D

Customer View Model

ENG_CVM_CVM_2198373-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2198373-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2198373-2_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages
QSFP28/56 and zQSFP+ Interconnects

English

Product Specifications

2198373-2

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Application Specification

English