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Connectors > Pluggable IO Connectors & Cages > QSFP+/QSFP+

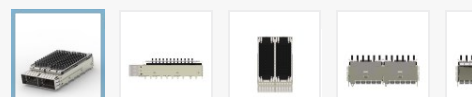
2170806-2

zQSFP+/QSFP28, QSFP/QSFP+/zQSFP+, Cage Assembly, Port Matrix Configuration 1 x 2,
Internal/External EMI Springs, Heat Sink, Standard

zQSFP+/QSFP28

TE Internal #: **2170806-2**TE Internal Description: **CAGE ASSEMBLY,
1X2, QSFP28, SPRING, HS**Pluggable I/O Product Type : **Cage Assembly**Port Matrix Configuration : **1 x 2**

EMI Containment Feature Type :

Internal/External EMI SpringsThermal Accessory Type Included : **Heat Sink**Included Lightpipe : **No** [Digital Datasheet](#)

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Feedback

Documents

Features

Product Compliance

Product Drawings

CAGE ASSEMBLY, 1X2, QSFP28, SPRING, HS

 [CAGE ASSEMBLY, 1X2, QSFP28, SPRING, HS](#)

English

CAD Files

3D PDF

 [3D_CVM_CVM_2170806-2_A.pdf](#)

3D

Customer View Model

 [ENG_CVM_CVM_2170806-2_A.2d_dxf.zip](#)

English

 [ENG_CVM_CVM_2170806-2_A.3d_igs.zip](#)

English

 [ENG_CVM_CVM_2170806-2_A.3d_stp.zip](#)

English

Datasheets &
Catalog Pages

QSFP28/56 and zQSFP+ Interconnects

 [ENG_DS_5-1773463-
0_zQSFP_Plus_Connector_0519.pdf](#)

English

Product
Specifications

Application Specification

 [ENG_SS_114-32023_B.pdf](#)

English



Product Specification
[ENG_SS_108-19428_B.pdf](#)
English

Product
Environmental
Compliance

TE Material Declaration
[ENG_PC_MD_2170806-2_B.pdf](#)
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type
Features

Cage Type : **Ganged**
Pluggable I/O Product Type : **Cage Assembly**
Thermal Accessory Type Included : **Heat Sink**
Connector System : **Cable-to-Board**
Sealable : **No**
Connector & Contact Terminates To : **Printed Circuit Board**
Form Factor : **QSFP28/56**

Configuration
Features

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

Electrical
Characteristics

Data Rate (Max) (Gb/s): **28**

Body Features

Heat Sink Style : **Pin**
Heat Sink Height Class : **SAN**
Heat Sink Height : **6.5 mm [.256 in]**
Heat Sink Finish : **Anodized Black**

Contact Features

PCB Contact Termination Area Plating Material : **Tin**

Termination
Features

Termination Method to Printed Circuit Board :
Through Hole - Press-Fit

Mechanical
Attachment

Connector Mounting Type : **Board Mount**

Housing Features

Cage Material : **Nickel Silver**

Dimensions

PCB Thickness (Recommended) : **1.57 mm [.062 in]**
Tail Length : **2.05 mm [.081 in]**

Usage Conditions

Operating Temperature Range (°C): **-40 – 85, -40 – 85**
Operating Temperature Range (°F): **-40 – 185, -40 – 185**

Operation/Application	Pluggable I/O Applications : SFP+ Stacked Belly-to-Belly Circuit Application : Signal For Use With Pluggable I/O Products : QSFP28 Cable Assembly, QSFP28 MSA Compatible Transceiver
Industry Standards	UL Flammability Rating : UL 94V-0
Packaging Features	Packaging Method : Box & Tray
Other	EMI Containment Feature Type : Internal/External EMI Springs Included Lightpipe : No Enhancements : Standard
Statement of Compliance	Statement of Compliance pdf

Also in the Series | [zQSFP+/QSFP28](#)



Pluggable I/O Cable Assemblies (87)



QSFP/QSFP+/zQSFP+ (416)