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Part Number: [171565-0002](#)
Status: **Active**
Overview: zQSFP+™ Interconnect System
Description: zQuad Small Form Factor Pluggable Plus (zQSFP+™) Stacked Integrated 2-by-2 Connector and Cage with Elastomeric Gasket, Light Pipe, Left Arrow Up

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification AS-171565-0002 \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family I/O Connectors
 Series [171565](#)
 Application Board-to-Board, Module-to-Board, Wire-to-Board
 Component Type Receptacle
 Overview [zQSFP+™ Interconnect System](#)
 Product Name ZXP® zQSFP+™
 Type N/A
 UPC 887191096490

Physical

Circuits (Loaded) 152
 Color - Resin Black
 Durability (mating cycles max) 100
 Flammability 94V-0
 Gender N/A
 Keying to Mating Part None
 Lock to Mating Part Yes
 Material - Metal Copper Alloy
 Material - Plating Mating Gold over Nickel
 Material - Resin High Temperature Thermoplastic
 Net Weight 66.006/g
 Number of Rows 2
 Orientation Right Angle
 PCB Retention Yes
 Packaging Type Tray
 Panel Mount N/A
 Pitch - Mating Interface 0.80mm
 Plating min - Mating 2.540µm
 Plating min - Termination 0.762µm
 Polarized to Mating Part N/A
 Ports 4
 Termination Interface: Style Through Hole

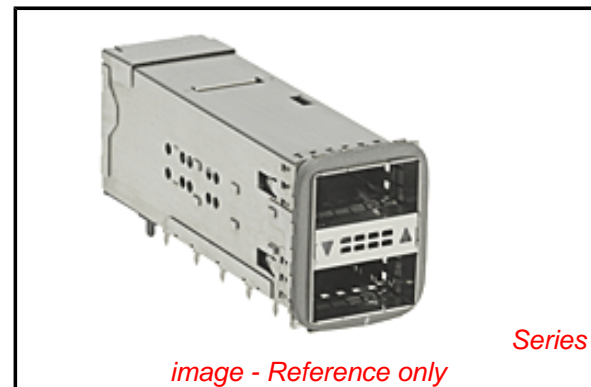
Electrical

Current - Maximum per Contact .5A
 Grounding to Panel Yes
 Voltage - Maximum 30V AC (RMS)

Material Info

Reference - Drawing Numbers

Application Specification AS-171565-0002
 Electrical Model Document EE-171208-0001



EU RoHS

ELV and RoHS Compliant
REACH SVHC
 Not Reviewed
Low-Halogen Status
Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

171565Series

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
zQSFP+ Multi-Port Extraction Tool	0622025220

S-Parameter Model
Sales Drawing
Signal Integrity Report
Symbol/Footprint Data

SP-171208-0001
SD-171565-2000
SI-171208-0002
SYM-171565-0001

This document was generated on 06/26/2013

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