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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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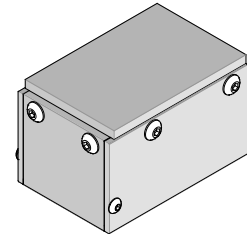
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**2-by-2  
zQSFP+  
Insertion Tool**

**Application Tooling  
Specification Sheet**



**Order No. 62202-5310**

**FEATURES**

- Lightweight tool used in the insertion of a zQSFP+ connector in a PCB
- Inserts connector to a PCB without damage to the board
- Use tool 62202-5220 for removing connectors
- PCB support not included (furnished by customer)

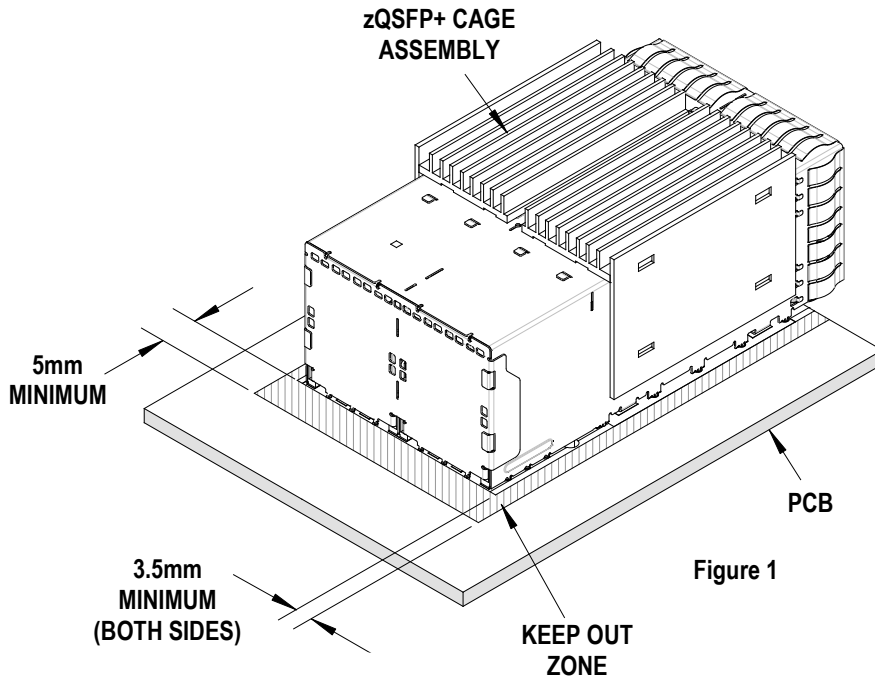
**SCOPE**

Products: zQuad Small Form-factor Pluggable Plus (zQSFP+) Cage Assembly, with Elastomeric Gasket or Metal EMI Gasket, 2 by 2 Enhanced EMI Cage Construction.

Connector Series No.	Connector Order No.					
172564	172564-1001	172564-1002	172564-1003	172564-2001	172564-2002	172564-2003

**Notes:**

1. See the following pages for tooling operation instructions.
2. These tools require a "Keep Out Zone" around the connector free of components. The right and left sides should be .138" (3.5mm). The rear of the connector should be .197" (5.0mm). See Figure 1.



## Description

The following Instructions are used for inserting the 2 by 2 connector into a PCB.

## Operation

1. Place a connector assembly on the PCB.
2. Place the tool on the connector assembly (closed end to the back end of the connector). See Figure 2.
3. Place tool, connector, and PCB, in a press of suitable size and force, and seat the connector assembly as shown. The support plate (furnished by the customer) under the PCB must have clearance for the connector pins as they pass through the PCB.

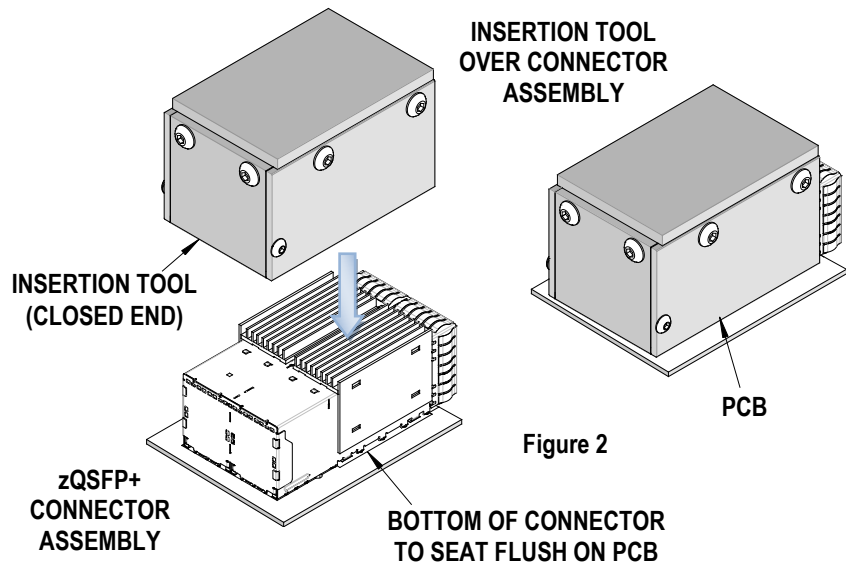


Figure 2

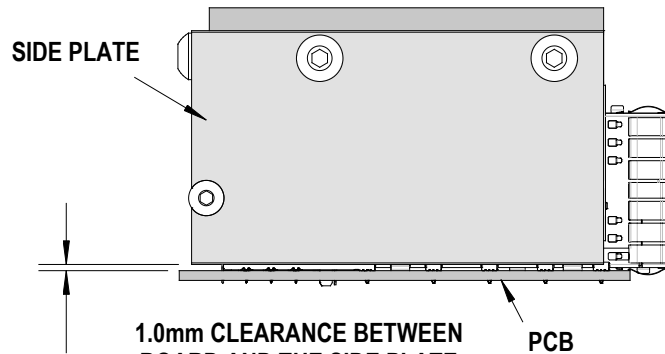


Figure 3

## Clearance

Use this tool only with a press that has a pre-determined shut height when seating a zQSFP+ Assembly on a PCB. See figure 3. Allowing the Press-In Tool to stop on the board will result in damage the zQSFP+ cage and terminals being over seated.

**CAUTION:** Molex application tooling specifications are valid only when used with Molex connectors and tooling.

## Contact Information

For more information on Molex application tooling please contact Molex at 1-800-786-6539.

Visit our website at <http://www.molex.com>