



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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!



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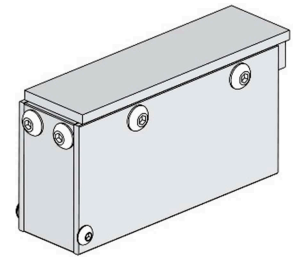
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Order No. 200214-1240



Application Tooling Specification

FEATURES

- Lightweight tool used in the insertion of a 2-by-1 QSFP-DD connector in a PCB
- Inserts a connector into a PCB without damage to the board

SCOPE

Products: Quad Small Form-Factor Pluggable QSFP-DD Cage Assembly with Heatsink, 2-by-1 Multi-Port Connector, 2 Press Fit Rear Legs, Elastomeric Gasket for SAN Applications.

| Series No. | Connector Order No. |
|------------|---------------------|
| 173604 | 173604-0002 |
| | 173604-0003 |

Notes

1. See the following pages for tooling operation instructions.
2. These tools require a "Keep Out Zone" around the connector that must be free of components. The rear of the connector should be .197" (5.0mm). The right and left sides should be .087" (2.2mm). See Figure 1.

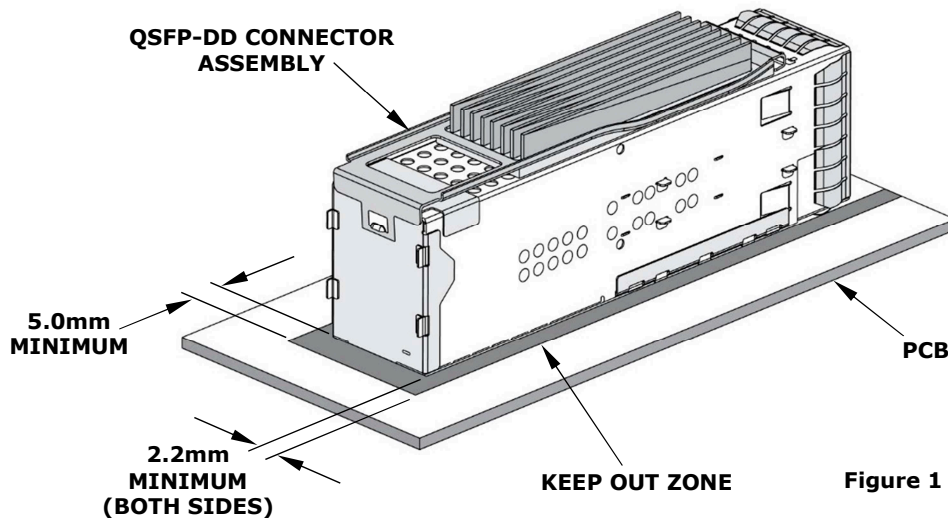


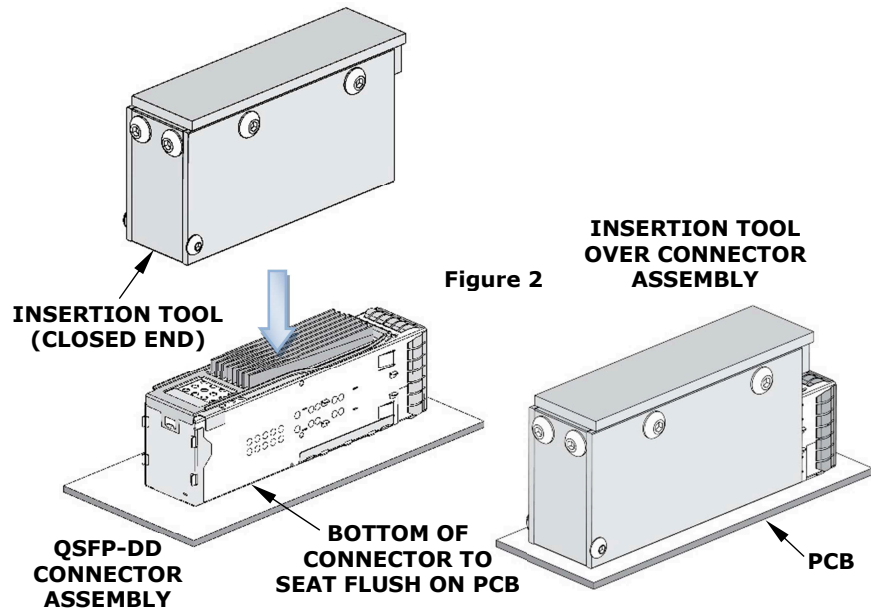
Figure 1

DESCRIPTION

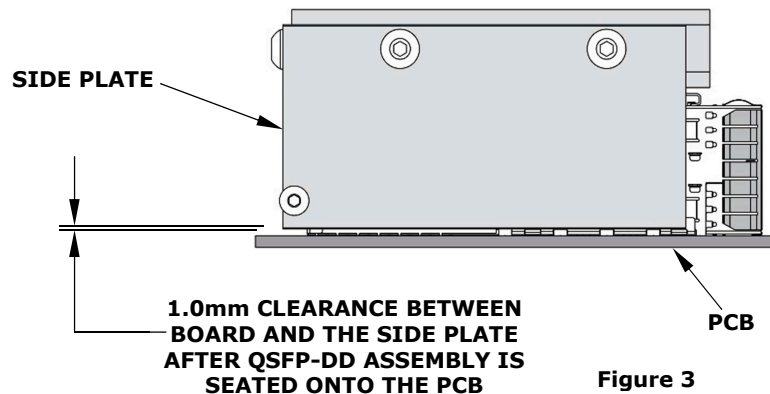
The following instructions are used for inserting the 2-by-1 connector into a PCB:

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 the tool, connector and PCB in a press of suitable size and force, and seat the connector assembly as shown.



The support place (furnished by the customer) under the PCB must have clearance for the connector pins as they pass through the PCB.



Clearance

Use this tool only with a press that has a predetermined shut height when seating a QSFP-DD assembly on a PCB. See Figure 3. Allowing the press-in tool to stop on the board will result in damage to the QSFP-DD cage and the terminals being overseated.

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

Application Tooling Support

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