QSFP-DD Multi-Port Connector Insertion Tool

Order Number
200214-1230

Application Tooling Specification

FEATURES

- Lightweight tool used in the insertion of a 2-by-1 QSFP-DD connector into a PCB
- Inserts a connector into a PCB without damaging 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 with Heatsink.

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<tr>
<th>Series Number</th>
<th>Connector Order Number</th>
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<tr>
<td>204058</td>
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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 have at least 5.0mm (.197”) of clearance. The right and left sides should have at least 2.2mm (.087") of clearance. See Figure 1.
Use the following instructions to insert 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 plate under the PCB (furnished by the customer) 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 insertion 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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