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!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
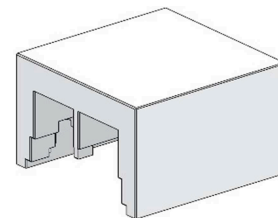Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

1-by-2 Multi-Port Insertion Tool	Application Tooling Specification Sheet	
		Order No. 200214-1120

molex®

FEATURES
- Lightweight tool used in the insertion of a zQSFP+ cage in a PCB
- Inserts connector to a PCB without damage to the board

SCOPE
<u>Products</u>: Small Form-Factor Pluggable zQSFP+ 1-by-2 Multi-Port Connector with Press-Fit PC Tails

Connector Series No.	Connector Order No.					
100015	100015-1231	100015-1232	100015-1233	100015-1234	100015-1235	100015-1236
	100015-1240	100015-1242	100015-1244	100015-1250	100015-1252	100015-1340
	100015-1341	100015-1342	100015-1343	100015-1344	100015-1345	100015-1440
	100015-1441	100015-1442	100015-1443	100015-1444	100015-1445	100015-1446
	100015-1447	100015-1448	100015-1540	100015-1541	100015-1542	100015-1543
	100015-1544	100015-1545	100015-1546	100015-1547	100015-1548	

Notes:
1. See the following page for tooling operation instructions.
2. This tool requires a "Keep Out Zone" to be free of components. The tool overhangs the rear of the cage to allow for light pipe options. The right and left sides should be .25" (6.4mm). See Figure 1.
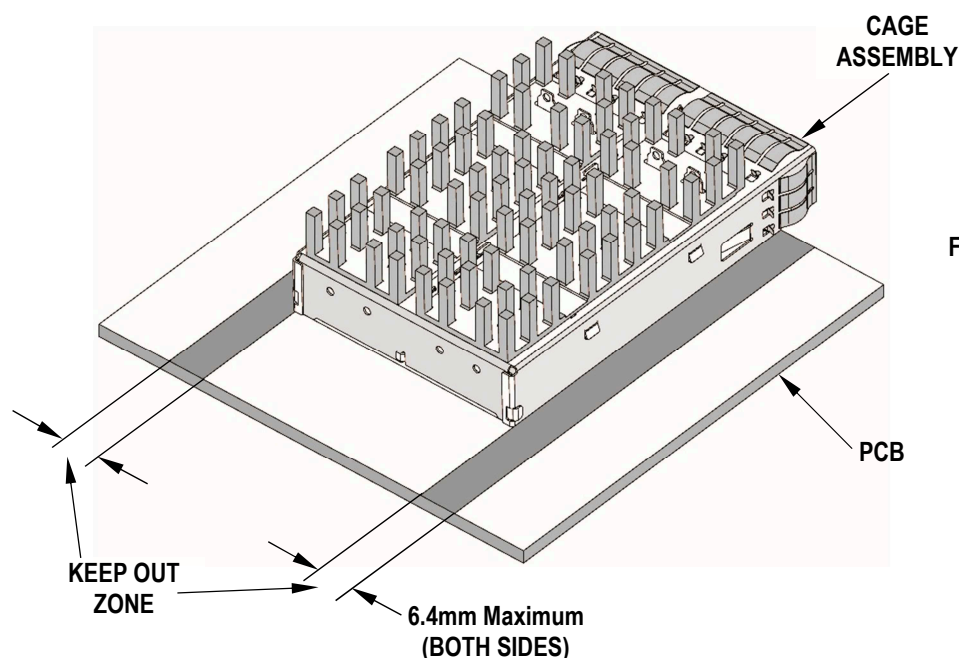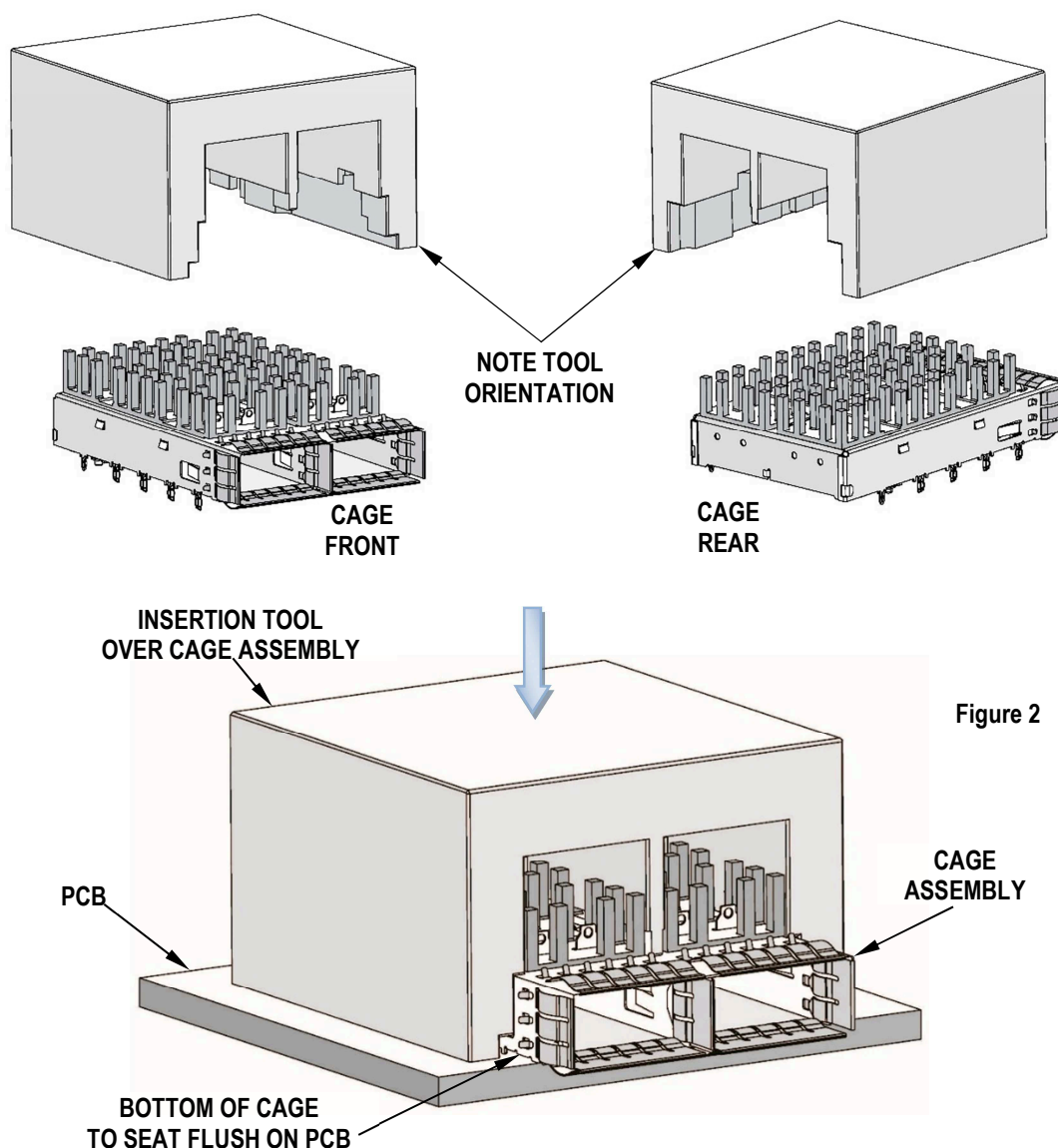

CAGE ASSEMBLY

Figure 1

PCB

KEEP OUT ZONE

6.4mm Maximum (BOTH SIDES)

Operation

1. By hand, place a cage assembly on the PCB. Make sure all compliant tails are engaged in PCB holes.
2. Place the tool on the cage assembly, oriented as shown in Figure 2.
3. Place the tool, cage and PCB in a press of suitable size and force, and seat the cage as shown. The PCB support (not furnished by Molex) must have clearance for the connector pins if they pass through the PCB.

Note: This insertion tool does not contact the PCB when the connector is fully seated.

NOTE TOOL ORIENTATION

CAGE FRONT

CAGE REAR

INSERTION TOOL OVER CAGE ASSEMBLY

Figure 2

PCB

CAGE ASSEMBLY

BOTTOM OF CAGE TO SEAT FLUSH ON PCB

Application Tooling Support

Phone: +1-402-458-TOOL (8665)
E-Mail: applicationtooling@molex.com
Website: www.molex.com/applicationtooling