

HOLE SIZES – SAMPLING & VERIFICATION

Lintek adheres to the following sampling rate for verification of hole sizes. The sample size is determined by the quantity of boards being manufactured, and is based on the C=0, 4.0 AQL value.

LOT SIZE	SAMPLE SIZE
1-25 Boards	3 Boards
26-50 Boards	7 Boards
51-90 Boards	8 Boards
91-150 Boards	9 Boards
151-280 Boards	10 Boards
281-500 Boards	11 Boards
501-1200 Boards	15 Boards
1201-3200 Boards	18 Boards
3201-10,000 Boards	22 Boards
10001 – 35000 Boards	29 Boards

Where possible, a minimum of 2 examples of each hole size will be verified per board and the results recorded on the Job Card, verification record FAI report.

MICROSECTION ANALYSIS

Lintek will provide microsection analysis as requested. If not specified by the customer, the sample size is determined by the quantity of production panels being manufactured, and is based on the C=0, 4.0 AQL value. The evaluation is performed according to the IPC A-600 criteria and recorded in a microsection report, with images. Thermal stress testing is also available on request.

LOT SIZE	SAMPLE SIZE
1-4 Panels	1 Microsection*
5-8 Panels	2 Microsections*
9-25 Panels	3 Microsections
26-50 Panels	7 Microsections
51-90 Panels	8 Microsections
91-150 Panels	9 Microsections
151-280 Panels	10 Microsections
281-500 Panels	11 Microsections
501-1200 Panels	15 Microsections
1201-3200 Panels	18 Microsections
3201-10,000 Panels	22 Microsections
10001 – 35000 Panels	29 Microsections

*Sample size based on 4 18”x 24” panels in a plating rack, plated at the same time, in the same bath.
Smaller panel sizes are sampled at the rate of 1 panel per plating rack.