1 Scope  This is a non-destructive test method for quickly and accurately measuring hole pattern locations.

2 Applicable Documents  None

3 Test Specimen  Qualification inspection is performed on the standard IPC test board (A-41, A-42, A-43, A-44). Conformance testing is performed on production product.

4 Equipment/Apparatus  A CECO INSTRUMENT, Linear Micrometer model #TA510CP3 with an accuracy of 0.005 mm per 25.4 mm, or equivalent, shall be used. Any optical, optical/mechanical or mechanical means is acceptable within the accuracy limits specified.

5 Procedure

5.1 Place the specimen face down on the measuring table and align the board's tooling holes with the table pin locating holes.

5.2 Measure all holes for location accuracy, with respect to the datum (Registration to the Master Drawing).

6 Report  Report all hole measurements.