

Physical Dimensioning

Date Completed: _____

Performed by: _____

Tested Specifications:

Test #	Engineering Specification	Description	Pass Requirement
T1	ES1	Mass of Printed Circuit Board	<.3 kg
T12	ES14	Width of Printed Circuit Board	9 +/- .127 cm
T13	ES15	Length of Printed Circuit Board	7 +/- .127 cm
T14	ES16	Height of Printed Circuit Board	<3cm

Revision History:

Revision	Description	Date
1	Document Created	12/6/2010

Equipment Needed:

Name of Equipment	Accuracy
Mass Scale	0.01 kg
Caliper	0.1 cm
Populated Printed Circuit Board	-
Unpopulated Printed Circuit Board	-

Test:

Step Number	Check Off	Procedure
1		Place populated printed circuit board on scale.
2		Allow for scale to settle if applicable
3		Record mass in Measured Results Table.
4		Place a unpopulated printed circuit board on a flat surface.
5		Measure width and length dimensions and record in Measured Results table.
6		Place a populated printed circuit board on a flat surface.
7		Measure the thickness at the highest component location and record in Measured Results table.

Measured Results Table:

Variable Name	Recorded Value	Passable Range	Pass/Fail
Mass (kg)		0 - .3	
Width (cm)		8.873 - 9.127	
Length (cm)		6.873 - 7.127	
Height (cm)		0 - 3	

Comments and Calculations:

Sign off on section completion: _____

Date of Sign Off: _____