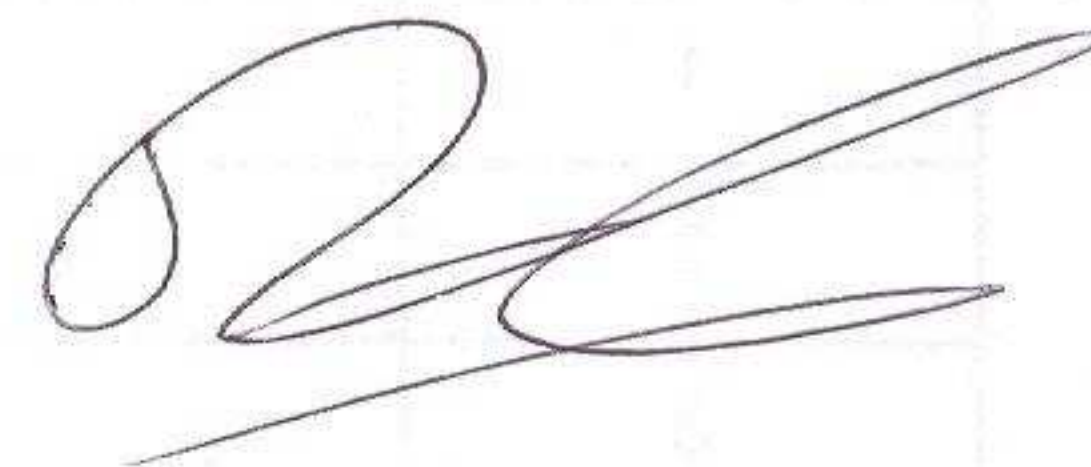


## Physical Dimensioning

Date Completed: 01/28/2011

Performed by: P11208 - Romain Derval



### 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)	<del>0.03</del> 0.03	0 - .3	Pass
Width (cm)	9.0	8.873 - 9.127	Pass
Length (cm)	7.0	6.873 - 7.127	Pass
Height (cm)	1.5	0 - 3	Pass

**Comments and Calculations:**

Sign off on section completion: 01/28/2011

Date of Sign Off: Romain Derval P11208

