

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 | 0.001 cm |
| Populated Printed Circuit Board | - |

Resources Needed:

| Where | When |
|-------|------|
| | |

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 populated printed circuit board on a flat surface. |
| 5 | | Measure width, length, and height dimensions 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: _____