

BOARD TITLE: PAINEL_MEB

AUTHOR: CCB

CODE NUMBER:

REVISION: 1_01

LAYER STACKUP:

TOP & BOTTOM: SIGNAL + GND PLANE

REVISIONS DESCRIPTION:

1_00 - Initial revision - Jun/4/2016

1_01 - Rtcc + mac_address chip, with cr2032 battery - Nov/16/2016

GENERAL NOTES:

1. LAMINATE SPECIFICATIONS:

- TOTAL THICKNESS: 1.6 mm +/- 0.2 mm

- LAYER NUMBERS: 2

- Cu THICKNESS (FINISHED):
1 oz / 1 oz

- RAW MATERIAL: FR-4

- TG MIN.: 150 °C

- TD MIN.: 310 °C

4. SILKSCREEN MASK:

- WHITE (THERMAL CURE EPOXY)

5. SOLDER MASK:

- BOTH SIDES

- GREEN EPOXY THERMAL CURE OR PHOTO IMAGEABLE

- IONIC CONTAMINATION AFTER SOLDERING: 14 ug NaCl / in2 MAX.

- COVER VIAS WITH SOLDER MASK ON BOTH SIDES

2. HOLE CHARACTERISTICS:

- PLATED HOLE TOLERANCE: +/- 0.1 mm

- NON PLATED HOLE TOLERANCE: +/- 0.1 mm

- DISPLACEMENT: 0.1 mm MAX.

- Cu THICKNESS ON HOLE: 20 um + SnPb MIN.

6. SPECIFIED STANDARDS:

- IPC-6011 CLASS 2 / IPC-6012 CLASS 2 / IPC-A-600 CLASS 2

7. ADDITIONAL NOTES:

- DIMENSIONAL TOLERANCE: +/- 0.2 mm

- ELECTRICAL TESTS ARE MANDATORY

- GERBER MODIFICATIONS ARE ONLY ALLOWED
WITH EXPLICIT AUTHOR / RESPONSIBLE AUTHORIZATION

PAINEL_MEB - 1_01 - 2016/NOV
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