

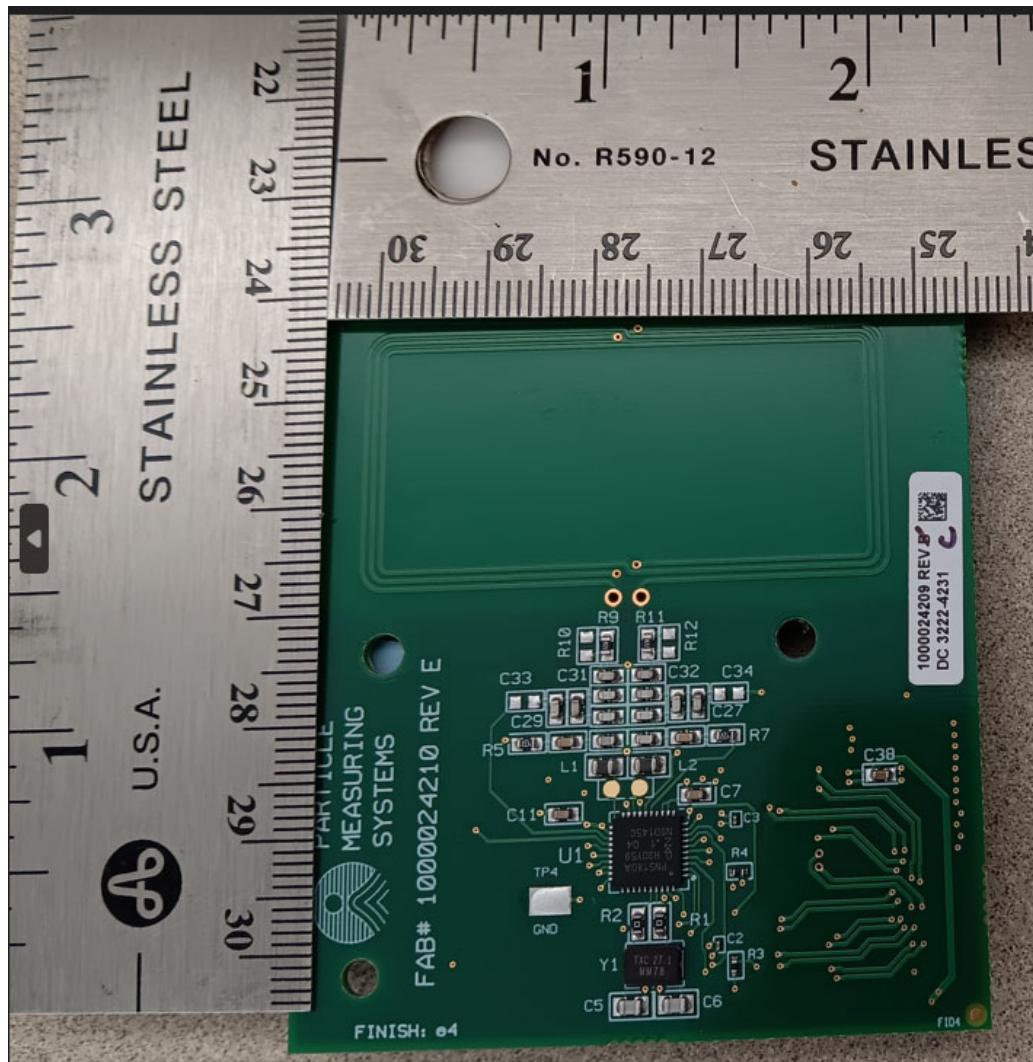


NFC Printed Circuit Board (Antenna) Attestation Statements

Date: October 12, 2023

Antenna data sheet not required. Only radiated measurements are used to show compliance with limits for fundamental and spurious emissions for operation under part 15.255 / RSS-210 B.6.

Dimensions





Materials

1. MANUFACTURE PER IPC-6012A CLASS 2
2. MATERIAL: ROHS COMPLIANT FR-4 (Tg 170 DEG C. MIN.). UL FLAMMABILITY RATING 94V-0, BOARD MARKED AS SUCH
3. THICKNESS: 0.062" +/- 10%. COPPER WEIGHT: 1 OZ FINISHED COPPER - 4 LAYERS
4. FINISH (ENIG): GOLD IMMERSION: 3 - 5 MICRO INCHES OF GOLD IMMERSION OVER 118 - 236 MICRO INCHES OF NICKEL. HIGHLY SOLDERABLE FINISH IS REQUIRED.
5. HOLE DIAMETERS INDICATED ARE FINISHED HOLE SIZES, +/- .003 UP TO 0.149" DIAMETER. +/- .005" TOLERANCE ABOVE 0.149" DIAMETER.
6. SILKSCREEN: NON-CONDUCTIVE WHITE EPOXY INK, BOTH SIDES. CLIP SILKSCREEN OFF OF PADS.
7. BOARD WAS DESIGNED WITH MINIMUM SPACINGS OF 0.006". MIN. TRACE WIDTH 0.010"
8. GENERAL DIMENSIONS TOLERANCE:
 - X.X +/- 0.020
 - X.XX +/- 0.015
 - X.XXX +/- 0.005
 - ANGLES ARE +/- 0.5 DEGREE
 - PARALLEL 0.005
9. DIMENSIONS ARE IN INCHES.
10. IF MOUSE BITES ARE USED DURING THE PANELIZING PROCESS, THEY MUST FALL WITHIN BOARD EDGES.
11. PLACE PC BOARD FABRICATORS LOGO AND UL RATING IN SILKSCREEN ONLY, EITHER SIDE.
12. BASIC AND CRITICAL DIMENSIONS SHOWN. USE GERBER DATA FOR OTHER BOARD FEATURES.
13. CONSTRUCT BOARD AS CLOSE AS POSSIBLE TO THE FOLLOWING, WITHOUT INCURRING ADDITIONAL COST:

.014 GAP	LAYER 1 - PRIMARY
.028 GAP	LAYER 2 - GND PLANE
.014 GAP	LAYER 3 - PWR PLANE
.014 GAP	LAYER 4 - SECONDARY
14. SOLDERMASK(S): LPI GREEN SMOBC.
15. 100% ELECTRICAL TEST ON ALL BOARDS
16. UNLESS OTHERWISE APPROVED IN WRITING, ALL MATERIAL USED MUST BE COMPLIANT WITH EU RoHS DIRECTIVE AND CHINA RoHS.

Thank you,

By:

Joan Legerski
(Signature)

Joan Legerski
(Print name)

Title:

Compliance Engineer

Company:

Particle Measuring Systems

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