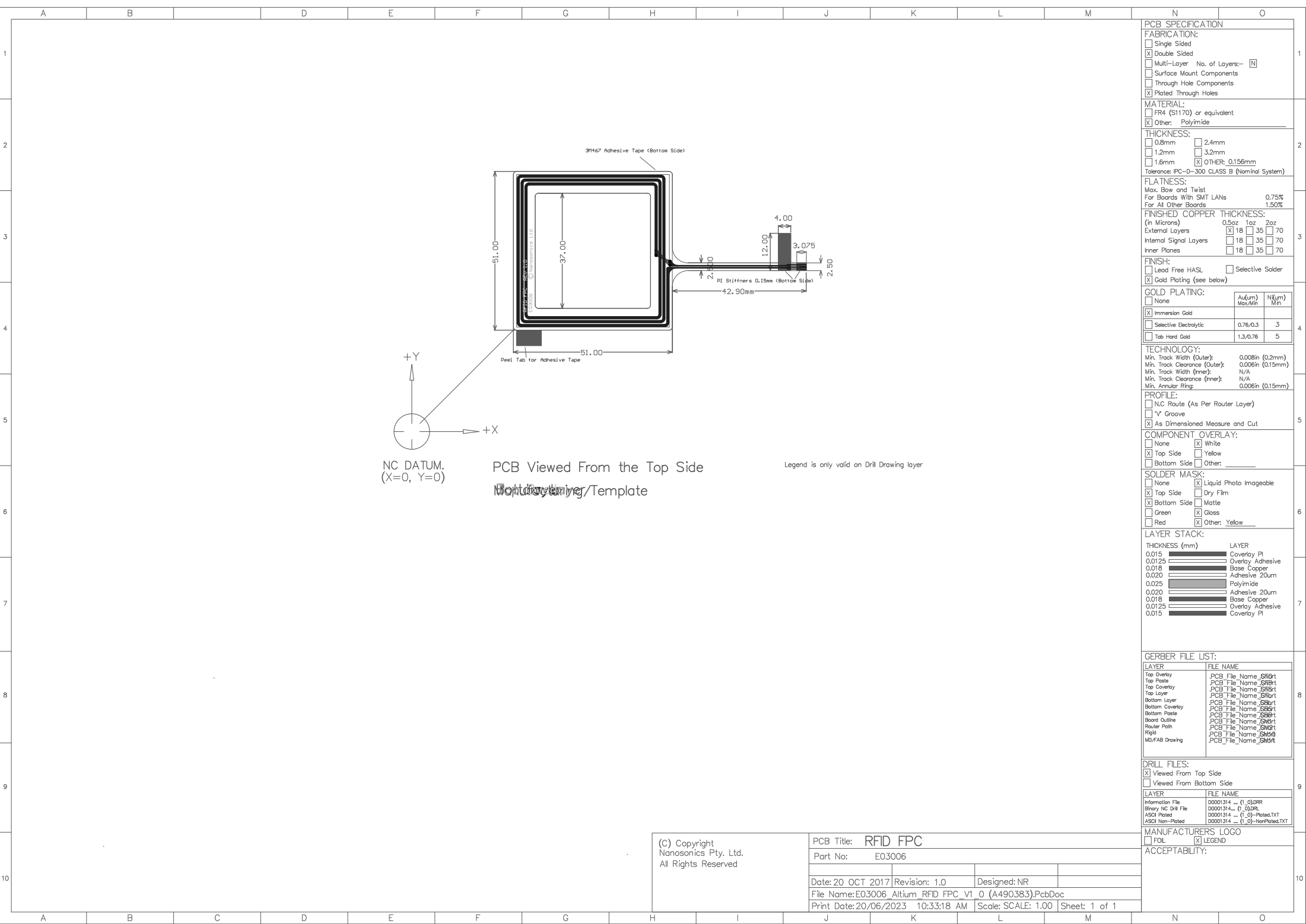




PCB SPECIFICATION

FABRICATION:

☐ Single Sided

☒ Double Sided

☐ Multi-Layer

No. of Layers:-

N

☐ Surface Mount Components

☐ Through Hole Components

☒ Plated Through Holes

MATERIAL:

☐ FR4 (SI170) or equivalent

☒ Other: Polyimide

THICKNESS:

☐ 0.8mm☐ 2.4mm

☐ 1.2mm☐ 3.2mm

☐ 1.6mm☒ OTHER: 0.156mm

Tolerance: PC-D-300 CLASS B (Nominal System)

FLATNESS:

Max. Bow and Twist

For Boards With SMT LANs

0.75%

For All Other Boards

1.50%

FINISHED COPPER THICKNESS:

(In Microns)

0.5oz

1oz

2oz

External Layers

☒ 18

☐ 35

☐ 70

Internal Signal Layers

☐ 18

☐ 35

☐ 70

Inner Planes

☐ 18

☐ 35

☐ 70

FINISH:

☐ Lead Free HASL

☐ Selective Solder

☒ Gold Plating (see below)

COLD PLATING:

☐ None

☒ Immersion Gold

☐ Selective Electrolytic

☐ Tab Hard Gold

Au(um)

Max/Min

Ni(um)

Min

0.76/0.3

3

1.3/0.76

5

TECHNOLOGY:

Min. Track Width (Outer):

0.008in (0.2mm)

Min. Track Clearance (Outer):

0.006in (0.15mm)

Min. Track Width (Inner):

N/A

Min. Track Clearance (Inner):

N/A

Min. Annular Ring:

0.006in (0.15mm)

PROFILE:

☐ NC Route (As Per Router Layer)

☐ Y Groove

☒ As Dimensioned Measure and Cut

COMPONENT OVERLAY:

☐ None

☒ White

☒ Top Side

☐ Yellow

☐ Bottom Side

☐ Other: _____

SOLDER MASK:

☐ None

☒ Liquid Photo Imageable

☒ Top Side

☐ Dry Film

☒ Bottom Side

☐ Matte

☐ Green

☒ Gloss

☐ Red

☒ Other: Yellow

LAYER STACK:

THICKNESS (mm)

LAYER

0.015

Coverlay PI

0.0125

Overlay Adhesive

0.018

Base Copper

0.020

Adhesive 20um

0.025

Polyimide

0.020

Adhesive 20um

0.018

Base Copper

0.0125

Overlay Adhesive

0.015

Coverlay PI

GERBER FILE LIST:

LAYER

FILE NAME

Top Overlay

.PCB File Name_SGRt

Top Paste

.PCB File Name_SGRt

Top Coverlay

.PCB File Name_SGRt

Top Layer

.PCB File Name_SGRt

Bottom Layer

.PCB File Name_SGRt

Bottom Coverlay

.PCB File Name_SGRt

Bottom Paste

.PCB File Name_SGRt

Board Outline

.PCB File Name_SGRt

Router Path

.PCB File Name_SGRt

Rigid

.PCB File Name_SGRt

MD/FAB Drawing

.PCB File Name_SGRt

DRILL FILES:

☒ Viewed From Top Side

☐ Viewed From Bottom Side

LAYER

FILE NAME

Information File

D0001314 -- (I_0)DRP

Binary NC Drill File

D0001314 -- (I_0)DRL

ASCII Plated

D0001314 -- (I_0)--Plated.TXT

ASCII Non-Plated

D0001314 -- (I_0)--NonPlated.TXT

MANUFACTURERS LOGO

☐ FOL

☒ LEGEND

ACCEPTABILITY:

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PCB Title: RFID FPC

Part No: E03006

Date: 20 OCT 2017

Revision: 1.0

Designed: NR

File Name: E03006_Altium_RFID_FPC_V1_0 (A490383).PcbDoc

Print Date: 20/06/2023 10:33:18 AM

Scale: SCALE: 1.00

Sheet: 1 of 1