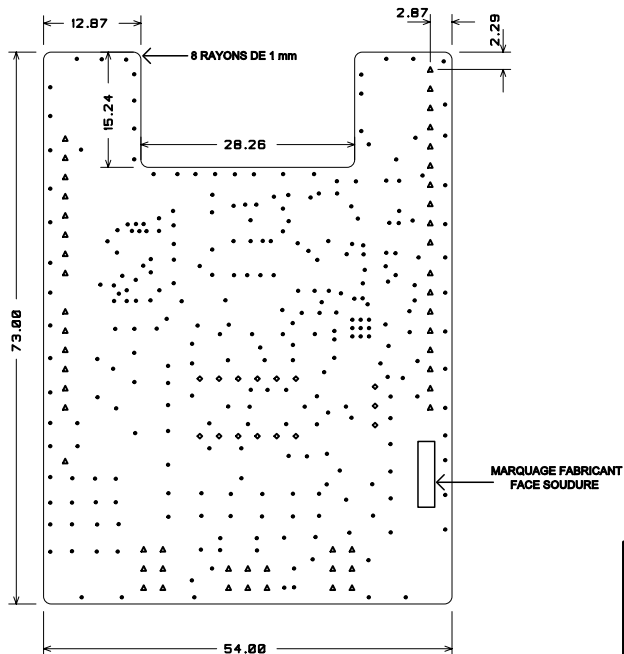




BOARD SPECIFICATION

LAYER : 2 COUCHES
 CLASS : 5
 MATERIAU : FR4 HTG 180 °C
 BOARD DIMENSION : 54MM X 73MM
 BOARD THICKNESS : 1.6MM
 FINITION : NIAU CHIMIQUE SELECTIF

SOLDER RESIST : BLUE

☒ TOP ☒ BOTTOM

SILKSCREEN : WITHE

☒ TOP ☒ BOTTOM

DRILLING :

THROUGH HOLES MIN 0.3mm

SYMBOL	DIAMETER	NBR	ACCURACY	METAL
°	0.3	282	VIA	OUI
◊	0.8	15	+/-0.05	OUI
Δ	1.0	51	+/-0.05	OUI

DRILL DRAWING
 THROUGH HOLES

SIGNAL 50 OHMS :
 LAYERS 1 & 4 -> TRACKS 150µm
 PLANE REF
 LAYER 1 -> LAYER 2
 LAYER 3 -> LAYER 4

CROSS SECTION

1	Prepreg 2113	Cu 35µm 100µm
2	Core	Cu 17.5µm 1280µm
3	Prepreg 2113	Cu 17.5µm 100µm
4	Prepreg 2113	Cu 35µm

IE	DATE	MODIFICATION
C	04/11/2019	CREATION

ST MICROELECTRONICS

SIDE VIEW TOP

X-NUCLEO-6180A1 Expansion Board V6

DRILL DRAWING - TH

NUMBER: PCBDC181108

SCALE: 1/1

SHEET: 1/1

DESIGN DATE: 07/11/2019

DESIGNER: DHR

PCB-DESIGN CONCEPT