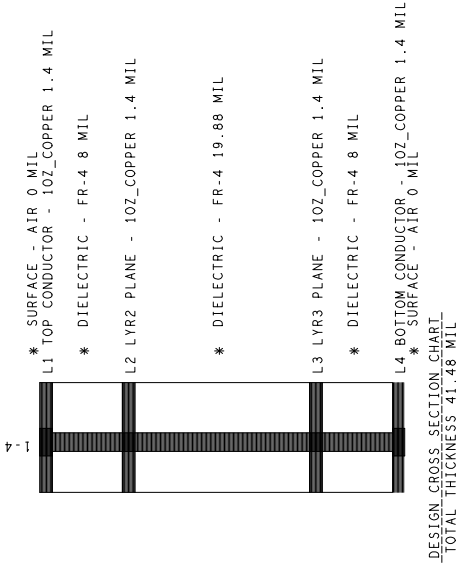


DRILL CHART: TOP to BOTTOM			
ALL UNITS ARE IN MILS			
FIGURE	FINISHED_SIZE	PLATED	QTY
A	11.81	PLATED	271
B	39.37	PLATED	118
C	51.18	PLATED	5
D	125.98	NON-PLATED	4

TOTAL HOLES: 398

Finished Hole Tolerance - All units are in Inches -			
Finish Hole Diameter	Plated Through Finish Hole Diameter	Non Plated Through Finish Hole Diameter	
0.008" - 0.013"	+0.002/-FHS"	+/-0.002"	
0.014" - 0.063"	+/-0.003"	+/-0.002"	
0.064" - 0.156"	+/-0.004"	+/-0.003"	
0.157" - 0.250"	+/-0.007"	+/-0.004"	
0.251" and up	+/-0.007"	+/-0.005"	
0.125"	Non Plated Only	+0.003/-0.000"	



FABRICATION NOTES:

- 1:FABRICATE USING LATEST REVISION OF STM SPECIFICATION.
- 2:FABRICATE USING MASTER ARTWORK X-NUCLEO-DOL10A1 R2 FOR CIRCUIT PATTERN.  
NO DEVIATION FROM MASTER ARTWORK ARE PERMITTED WITHOUT WRITTEN APPROVAL FROM AN AUTHORIZED "CLIENT NAME" REPRESENTATIVE.
- 3:VENDOR MUST BE UL QUALIFIED AND BOARDS MUST BE IDENTIFIED WITH APPROPRIATE VENDOR UL IDENTIFICATION MARK. LOT OR JOB NUMBER AND PCB MATERIAL FLAMMABILITY RATING (94V-0) MINIMUM.
- 4:MATERIAL - FR4 RoHS COMPLIANT MINIMUM 125 C.  
SEE "Cross Section Chart" FOR BOARD THICKNESS, COPPER WEIGHT AND LAYER CONSTRUCTION.
- 5:BLUE SOLDER MASK BOTH SIDE OF BOARD WITH LIQUID PHOTO IMAGEABLE SOLDERMASK.
- 6:FINISH - HALS Lead Free
- 7:FOR SMT COMPONENTS WITH PIN PITCH OF 0.019 INCH OR MORE NO GANG RELIEF OF SOLDER MASK IS ALLOWED.
- 8:SILKSCREEN TO BE WHITE, NON CONDUCTIVE, EPOXY INK OR EQUIVALENT.
- 9:THIS IS NOT A CONTROLLED IMPEDANCE BOARD.
- 10:DESIGNATED AREA OR INSPECTION AND TEST STAMP.  
(MEANS OF MATERIAL TYPE INDICATED ON THE YELLOW CARD DOCUMENT).
- 11:ON SMB PCB MUST BE IDENTIFIED MANUFACTURER LOGO AND PCB TYPE  
(MEANS OF MATERIAL TYPE INDICATED ON THE YELLOW CARD DOCUMENT).
- 12:TEARDROPPING OF VIAS AND PADS ALLOWED AT PAD TO TRACE INTERSECTION TO INSURE A 2 MILS ANULAR RING AT THE JUNCTION.
- 13:REMOVE SILKSCREEN FROM SOLDERABLE SURFACES.
- 14:ALL BOARD TO BE 100% ELECTRICALLY NETLIST TESTED FOR OPENS AND ON SHORTS, APPLY TEST STAMP IN REFERENCED AREA.
- 15:THIS BOARD SHALL BE FULLY COMPLIANT WITH UL796.

UNIT : mm  
( mils ).

REVISION DATE 28-Apr-25



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Drawn RIGO M. date 01-Oct-2024  
Approved date

Description

DRILLING AND PROFILING

Symbol  
Group  
X-NUCLEO-DOL10A1

ISO  
SCALE: 1 : 1  
REV. 2.0

Material

Treatment and surface finishing