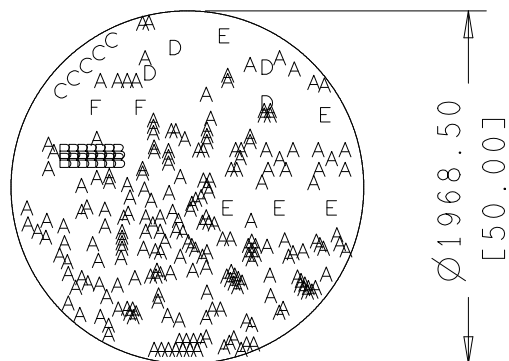


UNIT: mils
(mm)

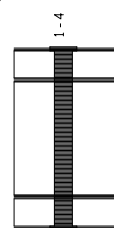


DRILL CHART: TOP to BOTTOM			
ALL UNITS ARE IN MILS			
FIGURE	FINISHED_SIZE	PLATED	QTY
A	13.0	PLATED	221
B	27.56	PLATED	14
C	35.0	PLATED	5
D	40.0	PLATED	4
E	118.11	PLATED	5
F	40.16	NON-PLATED	2

TOTAL HOLES: 251



FABRICATION NOTES:

- 1:FABRICATE USING LATEST REVISION OF STM SPECIFICATION.
- 2:FABRICATE USING MASTER ARTWORK EVLDRIVE101-HPD 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:GREEN SOLDER MASK BOTH SIDE OF BOARD WITH LIQUID PHOTO IMAGEABLE SOLDERMASK.
- 6:FINISH - HAL 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.
- 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.



- * SURFACE - AIR 0 MIL
- L1 TOP CONDUCTOR - 1OZ COPPER 1.4 MIL
- * DIELECTRIC - CONFORMAL_COAT 9.45 MIL
- L2 GND PLANE - 1OZ COPPER 1.4 MIL
- * DIELECTRIC - FR-4 39.37 MIL
- L3 PWR PLANE - 1OZ COPPER 1.4 MIL
- * DIELECTRIC - CONFORMAL_COAT 9.45 MIL
- L4 BOTTOM CONDUCTOR - 1OZ COPPER 1.4 MIL
- * SURFACE - AIR 0 MIL

DESIGN CROSS SECTION CHART
TOTAL THICKNESS 63.87 MIL

REVISION DATE											
		Description EVLDRIVE101-HPD						Symbol DRIVE101			
								Group			
AMS Group		AGRATE B. ITALY									
ALL RIGHTS STRICTLY RESERVED. REPRODUCTION OR ISSUE TO THIRD PARTIES IN ANY FORM WHATEVER IS NOT PERMITTED WITHOUT WRITTEN AUTHORIZATION FROM STMicroelectronics.		TOLERANCE UNLESS NOTED UNIT=MM						ISO		SCALE: 1:1	REV. 1.0
		linear	0 <10	>10 <50	>50 <200	>200	ANG. LES.	Material			
Drawn M. Rigo		date 14-Sept-2023	midle	±0.1	±0.2	±0.3	±0.5	±1°	Treatment and surface finishing		
Approved		date	accurate	±0.05	±0.1	±0.15	±0.25	±30°			