

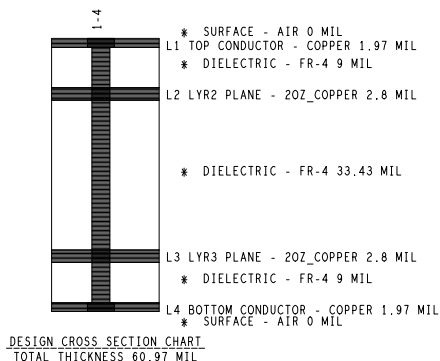
FABRICATION NOTE:

- 1:FABRICATE USING LATEST REVISION OF IPC-6012 CLASS 2 OR ABOVE
- 2:FABRICATE USING MASTER ARTWORK EVLSTDRIVEG212 R1 FOR CIRCUIT PATTERN
NO DEVIATION FROM MASTER ARTWORK ARE PERMITTED WITHOUT WRITTEN
APPROVAL FROM AN AUTHORIZED STM 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 - Tg. 180
SEE "DETAIL 'A'" FOR BOARD THICKNESS, COPPER WEIGHT AND LAYER CONSTRUCTION
- 5:SOLDER MASK BOTH SIDE OF BOARD WITH LIQUID PHOTO IMAGEABLE PER
IPC-SM-840 (LATEST LEVEL), CLASS H. COLOR: GREEN
- 6:FINISH: ENIG
- 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:ON SMB PCB MUST BE IDENTIFIED MANUFACTURER LOGO AND PCB TYPE
(MEANS OF MATERIAL TYPE INDICATED ON THE YELLOW CARD DOCUMENT)
- 11:TEARDROPPING OF VIAS AND PADS ALLOWED AT PAD TO TRACE INTERSECTION
TO INSURE A 2MIL ANULAR RING AT THE JUNCTION
- 12:REMOVE SILKSCREEN FROM SOLDERABLE SURFACE
- 13:ALL BOARD TO BE 100% ELECTRICALLY NETLIST TESTED FOR OPENS AND ON
SHORTS. APPLY TEST STAMP IN REFERENCED AREA
- 14:THIS BOARD SHALL BE FULLY COMPLIANT WITH UL796

'A' holes must be filled

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"

DETAIL 'A'



DRILL CHART: TOP to BOTTOM

ALL UNITS ARE IN MILS			
FIGURE	FINISHED_SIZE	PLATED	QTY
A	8.0	PLATED	41
B	10.0	PLATED	256
C	31.5	PLATED	17
D	35.43	PLATED	27
E	39.37	PLATED	6
F	55.0	PLATED	2
G	125.98	PLATED	3
H	118.11	NON-PLATED	4
I	122.05	NON-PLATED	4

TOTAL HOLES: 360

REVISION DATE

		Description		Symbol					
		DRILLING AND PROFILING		EVLSTDRIVEG212					
APMS Group ITALY				Group					
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				
		<table> <tr> <td>linear</td><td>0 <10</td><td>>10 <50</td><td>>50 <200</td><td>>200</td><td>ANG. LES.</td></tr> </table>		linear	0 <10	>10 <50	>50 <200	>200	ANG. LES.
linear	0 <10	>10 <50	>50 <200	>200	ANG. LES.				
Drawn M. RIGO	date 09-June-2025	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°						