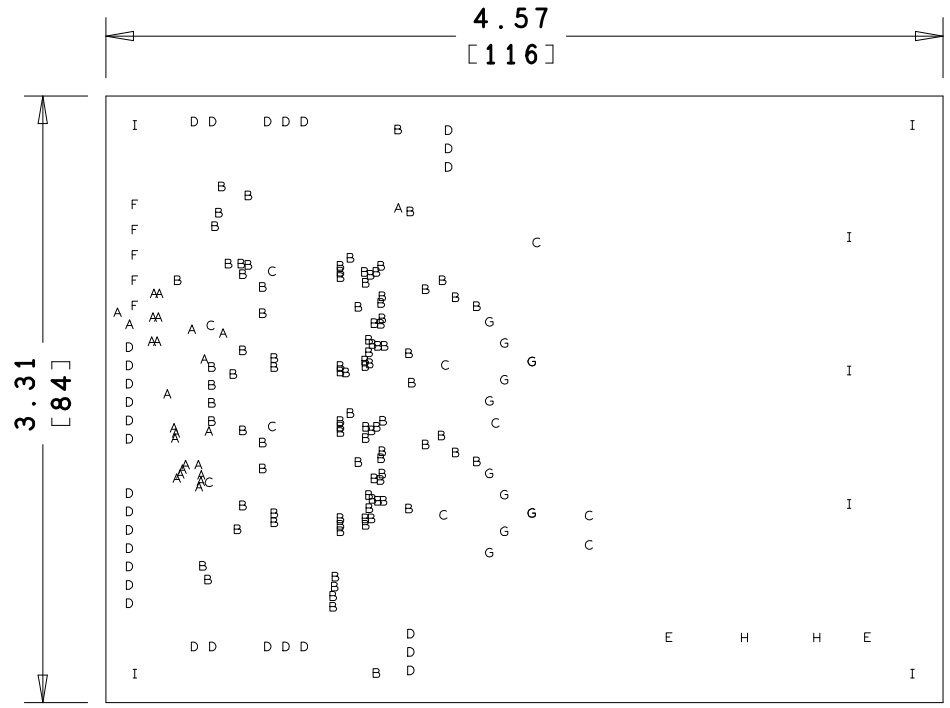
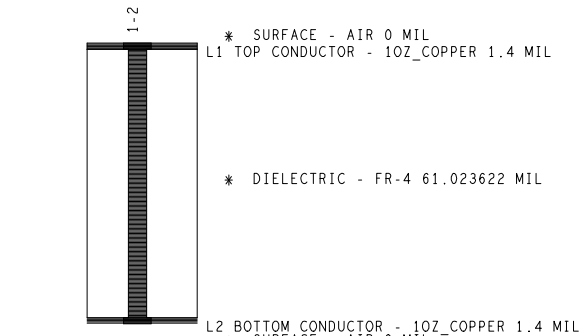


DRILL CHART: TOP to BOTTOM			
ALL UNITS ARE IN MILLIMETERS			
FIGURE	FINISHED_SIZE	PLATED	QTY
A	0.25	PLATED	25
B	0.3	PLATED	98
C	0.8	PLATED	10
D	0.9	PLATED	29
E	1.0	PLATED	2
F	1.1	PLATED	5
G	1.2954	PLATED	12
H	2.1001	PLATED	2
I	3.2	PLATED	7
		TOTAL HOLES:	190

FABRICATION NOTES:

1:FABRICATE USING LATEST REVISION OF STM SPECIFICATION.
2:FABRICATE USING MASTER ARTWORK EVLSTGAP3S3 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: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.



DESIGN CROSS SECTION CHART
TOTAL THICKNESS 63.823622 MIL

UNIT : Inch (mm).

REVISION DATE | 13-Feb-26

APMS Group AGRATE B. ITALY		Description: DRILLING AND PROFILING						Symbol: STGAP3	
								Group: EVLSTGAP3S3	
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		linear	0 <10	>10 <50	>50 <200	>200	ANG. LES.	Material	
Drawn: RIGO M.	date: 18-Sept-2024	midle	±0.1	±0.2	±0.3	±0.5	±1°		
Approved	date	accurate	±0.05	±0.1	±0.15	±0.25	±30'	Treatment and surface finishing	