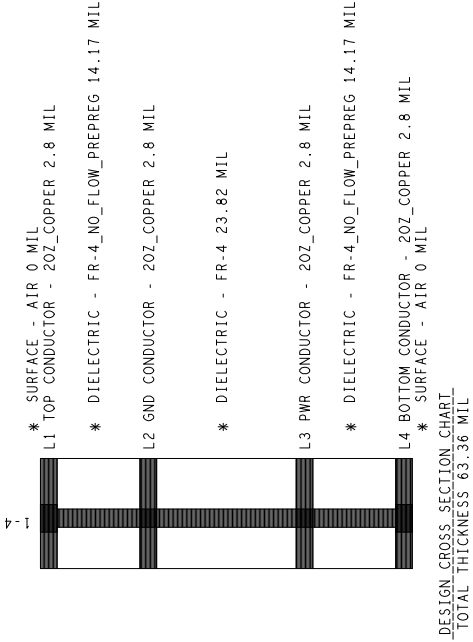


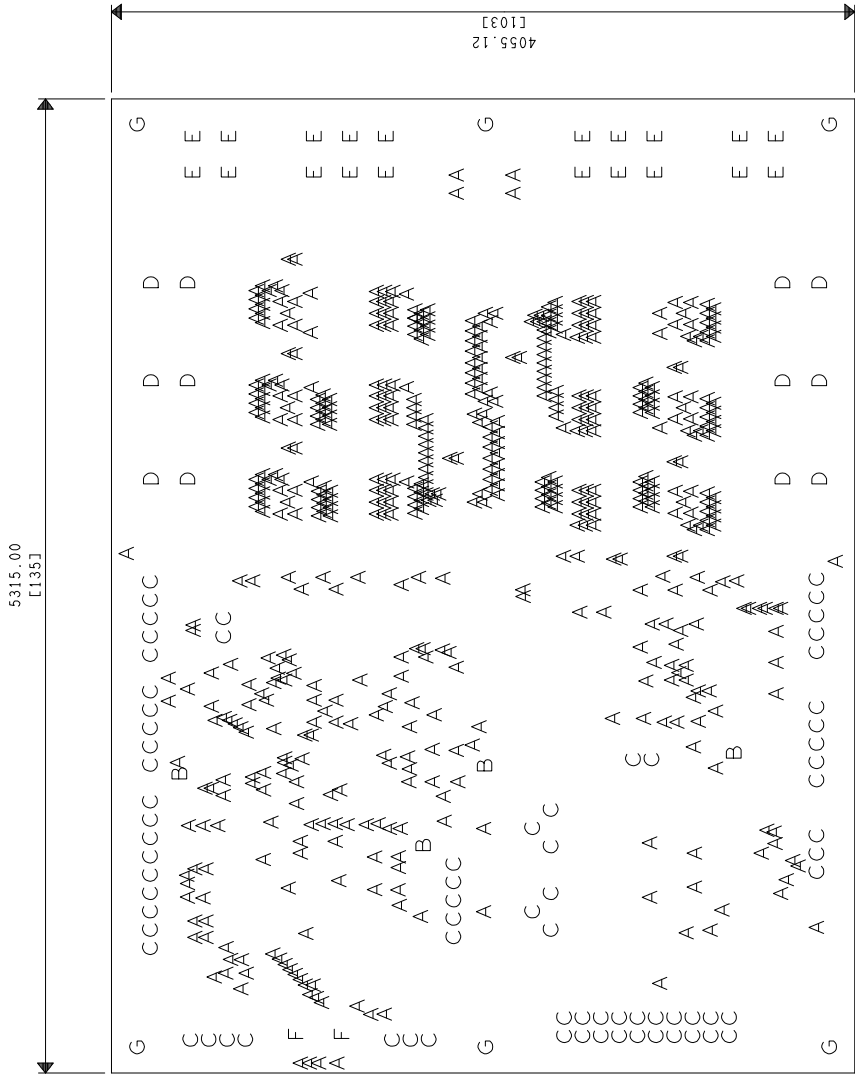
DRILL CHART: TOP to BOTTOM			
ALL UNITS ARE IN MILS			
FIGURE	FINISHED_SIZE	PLATED	QTY
A	11.81	PLATED	595
B	31.5	PLATED	4
C	35.43	PLATED	74
D	39.37	PLATED	12
E	51.18	PLATED	20
F	40.16	NON-PLATED	2
G	125.98	NON-PLATED	6

TOTAL HOLES: 713

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	Non Plated Only	+/-0.005"
0.125"		+0.003/-0.000"



DESIGN CROSS-SECTION CHART
TOTAL THICKNESS 63.36 MIL



FABRICATION NOTES:

- 1:FABRICATE USING LATEST REVISION OF STM SPECIFICATION.
- 2:FABRICATE USING MASTER ARTWORK EVSPIN32G4-DUAL-R1 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 170 C (High TG)
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 - ENIG Au:0.2u Ni:4u
- 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 SMD 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.

REVISION DATE	Description	Symbol
DRILLING AND PROFILING		
AMS Group	AGRATE B. ITALY	STSPIN32G4
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Drawn	date	SCALE: 1 : 1
RIGO M.	12-Jan-2022	REV. 1.0
Approved	date	Material
TOLERANCE UNLESS NOTED UNIT=MM		
Linear	0 >10 <10	ANG. >50 <200 LES.
midle	±0.1	±0.2 ±0.3 ±0.5 ±1°
accurate	±0.05	±0.1 ±0.15 ±0.25 ±30°
Treatment and surface finishing		