

DRILL CHART: TOP TO BOTTOM			
ALL UNITS ARE IN MILS			
FIGURE	FINISHED SIZE	PLATED	QTY
A	12.0	PLATED	463
B	31.5	PLATED	15
C	35.43	PLATED	36
D	43.31	PLATED	14
E	51.0	PLATED	2
F	55.0	PLATED	5
G	59.05	PLATED	4
H	82.68	PLATED	2
I	35.43	NON-PLATED	2
L	125.98	NON-PLATED	6

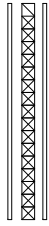
SLOT HOLES: TOP TO BOTTOM			
ALL UNITS ARE IN MILS			
FIGURE	FINISHED SIZE	PLATED	QTY
	787.4443.3	NON-PLATED	4

FABRICATION NOTE:

- 1-FABRICATE USING LATEST REVISION OF IPC-6012A CLASS 2 OR ABOVE
- 2-FABRICATE USING MASTER ARTWORK EVSPIN32F0601S3 R2 FOR CIRCUIT PATTERN
- 3-VENDOR MUST BE UL QUALIFIED AND BOARDS MUST BE IDENTIFIED WITH APPROVAL FROM AN AUTHORIZED STMicroelectronics REPRESENTATIVE
- 4-APPROPRIATE VENDOR UL IDENTIFICATION MARK, LOT OR JOB NUMBER AND PCB MATERIAL FLAMMABILITY RATING (94V-0) MINIMUM TO BOARD
- 5-SEE "DETAIL 'A'" FOR BOARD THICKNESS, COPPER WEIGHT AND LAYER CONSTRUCTION
- 6-FINISH: HAL LEAD FREE
- 7-FOR SMT COMPONENTS WITH PIN PITCH OF 0.019 INCH OR MORE NO GANG RELIEF OR GANGE MARKS TO BE PRESENT
- 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 BOTTOM PCB MUST BE IDENTIFIED MANUFACTURER, LOGO AND PCB TYPE
- 12-VENDOR TO PROVIDE BOARD STACK UP FOR IMPEDANCE APPROVAL PRIOR TO BOARD FABRICATION, STACK UP AND IMPEDANCE TO INCLUDE COPPER PLATING ON OUTER LAYERS, FAB DRAWING STACK-UP DIMENSION ARE PROVIDED FOR REFERENCE ONLY
- 13-VENDOR TO PROVIDE BOARD FOR IMPEDANCE TEST RESULTS AND COUPON
- 14-REMOVE SILKSCREEN FROM SOLDERABLE SURFACE
- 15-ALL BOARD TO BE 100% ELECTRICALLY NETLIST TESTED FOR OPENS AND ON SHORTS, APPLY TEST STAMP IN REFERENCED AREA
- 16-THIS BOARD SHALL BE FULLY COMPLIANT WITH UL796

DETAIL 'A'

LAYER BUILD UP  
(reference only)



(external Cu th are after plating)  
estimated total thickness 1040u

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" - 0.125"	+/-0.004"	+/-0.003"	
0.126" - 0.250"	+/-0.007"	+/-0.004"	
0.251" and up	+/-0.007"	+/-0.005"	
	Non Plated Only	+0.003/-0.000"	

REVISION DATE 24-July-19



Description  
DRILLING AND PROFILING

Symbol  
STSPIN32F0601  
Group  
EVSPIN32F0601S3

ISO  
TOLERANCE UNLESS NOTED  
UNIT=MM  
ANG. Material  
linear  
midle  
accurate

SCALE: 1 : 1  
REV. 2.0

Drawn RIGO M. 16-Apr-2019  
Approved  
Treatment and surface finishing