GerbMaster:1.9.70 | Saturday, December 12, 2020 at 08:52:16 C:\111\SURYA1\Wagman5-Rev2\GERBERS\1Array_4820-0759-58.gmp

NOTES FOR PCB FABRICATION: (UNLESS OTHERWISE SPECIFIED)

- FABRICATE PCB USING CUSTOMER SUPPLIED DATA FILES.
 IN ACCORDANCE WITH IPC-6012A, IPC-6013A PER IPC-6011
 MUST BE ABLE TO WITHSTAND ROHS ASSEMBLY TEMPERATURES.
- WORKMANSHIP STANDARDS:
 BUILD/INSPECTION: IPC-A-610
 REWORK: IPC-7711/7721
- 3) MATERIAL:
- A) MATERIAL MUST MEET UL FLAMMABILITY RATING OF 94V-0
- HIGH TEMP FR4
- B) COPPER FOIL TO BE IN ACCORDANCE WITH IPC-MF-150.

FINISHED COPPER WEIGHT: OUTER LAYERS: 2 Oz

BOARD THICKNESS: 0.062" +/- 0.005"
NUMBER OF LAYERS: 2
LAYER STACKUP: FOLLOW GERBER FILENAME: L# >>>>>>

- 4) PLATING:
- A) COPPER PLATING
 B) ALL PTH MUST HAVE MINIMUM OF 0.001" PLATED COPPER INSIDE HOLE.
- 5) FINISH:

SMOBC, ENIG, RoHS COMPLIANT COATING

6) APPLY LPI SOLDER MASK PER IPC-SM-840 OVER BARE COPPER.

SIDE: BOTH SIDE COLOR: GREEN

7) APPLY LEAD FREE, PERMANENT, ORGANIC, NON-CONDUCTIVE SILKSCREEN PER IPC-SPECS OVER MASK.

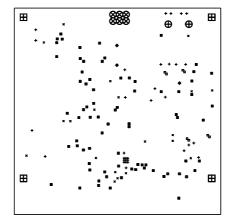
THERE SHALL BE NO SILKSCREEN ON ANY SOLDERABLE COMPONENT PAD.

SIDE: TOP SIDE ONLY COLOR: WHITE

- 8) MARKING:
- A) MANUFACTURER'S UL LOGO, 94V-0 SHALL BE ADDED IN TOP SIIK. B) DATE CODE SHALL BE ADDED ON TOP SILK SCREEN.
- 9) TEST REQUIREMENTS:

IN CASE IPC-D-356 NETLIST SUPPLIED
BOARD MUST BE 100% NETLIST TESTED FOR OPENS AND SHORTS.
OTHERWISE TEST USING SUPPLIED GERBER FILES.

- 10) REGISTRATION & TOLERANCES:
- A) WARP / TWIST OF BOARD SHALL NOT EXCEED +/- 0.010" PER INCH.
- B) BOARD SIZE SHALL NOT EXCEED +/- 0.005"
- C) SMD's PAD MUST BE FLAT TO A MAXIMUM OF 0.003" ABOVE BOARD SURFACE.
- D) DRILL REGISTRATION SHALL BE WITHIN 0.002" OF TRUE POSITION.
- E) REMOVE ALL BURRS AND BREAK SHARP EDGES 0.015" MAXIMUM.



REV DESCRIPTION OF CHANGE DWN CHK APVD APVD ECN

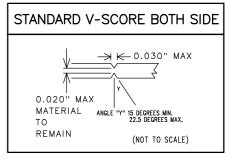
COMPONENT SIDE VIEW

ALL LAYERS ARE VIEWED FROM TOP

DRILL TABLE_1UP_4820-0759-58.gmp									
NO.	SYMBOL	HOLE DIA. (inch)	TOL +/-	QUANTITY	PLATED	COMMENTS			
1	•	0.012	0.003	32	Yes				
2	×	0.014	0.003	20	Yes				
3	8	0.020	0.003	77	Yes				
4	•	0.024	0.003	3	Yes				
5	4	0.026	0.003	4	Yes				
6	Ф	0.039	0.002	2	No				
7	8	0.040	0.003	6	Yes				
8	Ħ	0.126	0.002	4	No				
9	♦	0.125	0.002	***	No				
10	4	0.1563	0.002	***	No				

NOTES:

- 1) ALL HOLE SIZES ARE SHOWN IN THE DRILL TABLE ARE FINISHED DIAMETER.
- 2) FOR LOCATION OF PLATED SLOT, SEE ***_FAB-PLATED-SLOT.GBX >>> IF PROVIDED
- 3) FOR LOCATION OF NON-PLATED SLOT, SEE ***_FAB-NP-SLOT.GBX >>> IF PROVIDED
- 4) FINISH ALL UNDIMENSIONED OUTSIDE CORNERS TO 0.060 RADIUS.



THICK LINES INDICATES CENTER OF V-SCORE

ALL DIMENSIONS ARE IN INCH. DO NOT SCALE DRAWING.

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TOLERANCES
(UNLESS OTHERWISE NOTED)

FRACTIONS ANGLES
+/-1/64 +/-1127
2 PLACE 2 PLACE
[+/-.25] +/-.01
3 PLACE 3 PLACE
[+/-.13] +/-.005

CUSTOMER:	Surya Electronics, Inc.		
PART NUMBER :	.4820-0759-58	REV:	.1.1
DATE:	DECEMBER 12, 2020		
http://ww	w.suryaelectronics.com/		