

DATE	REV	ENGINEER	COMMENT
5 AUG 2020	1.0	E. CHUJ	INITIAL RELEASE
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1. FINISH: HASL
2. SOLDERMASK: GREEN
3. SILKSCREEN: WHITE
4. 6MIL TRACE/6MIL SPACE
5. ELECTRICAL TEST

Layer	Name	Material	Thickness	Constant	Board Layer Stack
	Top Overlay				
	Top Solder	Solder Resist	0.40mil	3.5	
1	Top Layer	Copper	1.40mil		
	Dielectric 1	FR-4	60.00mil	4.2	
2	Bottom Layer	Copper	1.40mil		
	Bottom Solder	Solder Resist	0.40mil	3.5	
	Bottom Overlay				

1. LEAD-FREE SOLDER
2. IPC-A-610 CLASS 2 ASSEMBLY
3. COMPONENTS ON TOP SIDE ONLY
4. DO NOT PROCURE OR POPULATE PARTS MARKED DNP ON BOM

Symbol	Count	Hole Size	Plated	Hole Type
	2	39.37mil (1.000mm)	PTH	Round
	2	43.31mil (1.100mm)	NPTH	Round
	2	150.00mil (3.810mm)	PTH	Round
	3	42.13mil (1.070mm)	PTH	Round
	6	35.43mil (0.900mm)	PTH	Round
	8	31.50mil (0.800mm)	PTH	Round
	36	35.43mil (0.900mm)	PTH	Round
	47	12.00mil (0.305mm)	PTH	Round
	106 Total			

RespiraWorks	ISSUED BY: E. CHIU	TITLE: Ventilator Rev 1 Interim Daughtercard	
	PCB DESIGNER: E. CHIU		
	DATE: 8/5/2020	PART NO.:	REV: 1.0
	FILE NAME: VentilatorRev1InterimDaughtercard.PcbDoc	DWG NO.:	SCALE:

