Layer	Name	Material	Thickness	Constant	Board Layer Stack
1	TOP SILKSCREEN				
2	TOP SOLDERMASK	Solder Resist	0.010mm	3.5	
3	1_TOP	Copper	0.036mm		
4	CORE	FR-4	0.762mm	4.2	
5	2_BOTTOM	Copper	0.036mm		
6	BOTTOM SOLDERMASK	Solder Resist	0.010mm	3.5	
7	BOTTOM SILKSCREEN				

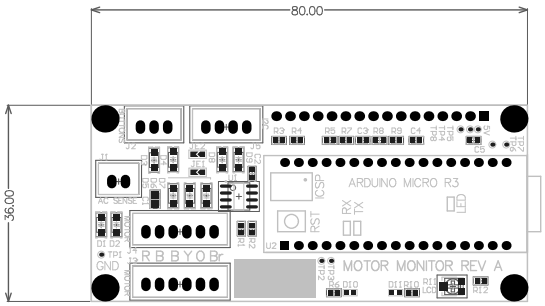
TOTAL THICKNESS 0.8 MM +/- 10%

FABRICATION NOTES, UNLESS OTHERWISE SPECIFIED:

1. DIMENSIONS ARE IN MM.
2. PCB FABRICATION SHALL BE COMPLIANT TO THE LATEST REVISION OF IPC-6012, CLASS 2.
3. LAYERS SHALL BE CONSTRUCTED AS INDICATED IN STACKUP.
4. LPI OR LDI SOLDERMASK SHALL BE APPLIED AS INDICATED. COLOR GREEN.
5. EPOXY-BASED SILKSCREEN SHALL BE APPLIED AS INDICATED. COLOR WHITE.
6. SOLDERABLE LANDS FINISH SHALL BE LEAD FREE HASL, OR ENIG PER IPC-4552.
7. ~~HOLE TOLERANCE FOR HOLES LESS THAN 0.3 DIAMETER SHALL BE +0.076 / -NOMINAL~~
8. HOLE TOLERANCE FOR HOLES GREATER OR EQUAL TO 0.3 DIAMETER SHALL BE +/- 0.076
9. POSITIONAL TOLERANCE SHALL BE +/- 0.127

ASSEMBLY NOTES, UNLESS OTHERWISE SPECIFIED:

1. ASSEMBLY SHALL BE COMPLIANT TO THE LATEST REVISION OF J-STD-001 AND IPC-610-A CLASS 2.
2. SOLDER FLUX SHALL BE LOW ACTIVITY L0 OR L1 NO CLEAN FLUX. FLUX RESIDUE SHALL BE CLEANED.
3. WATER SOLUBLE FLUX SHALL NOT BE USED.



TOP SILKSCREEN

https://github.com/bkuschak/mini_lathe_motor_monitor

ENGINEER: B. Kuschak	TITLE: MOTOR MONITOR FAB DRAWING	
PCB DESIGNER: B. Kuschak		
DATE: 1/28/2018	PART NO.: N/A	REV: A
FILE NAME: mini_lathe_motor_monitor.PcbDoc	DWG NO: N/A	SCALE: