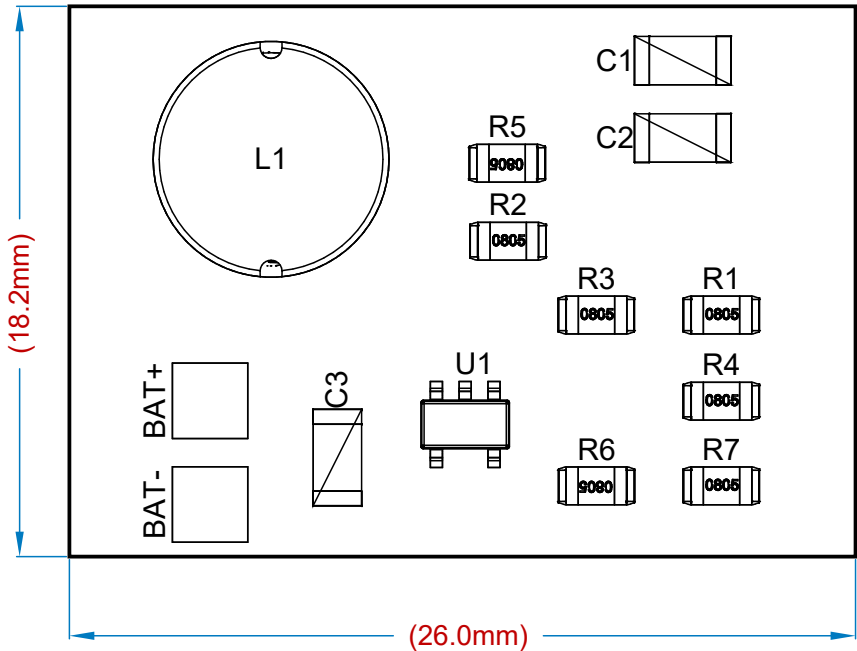
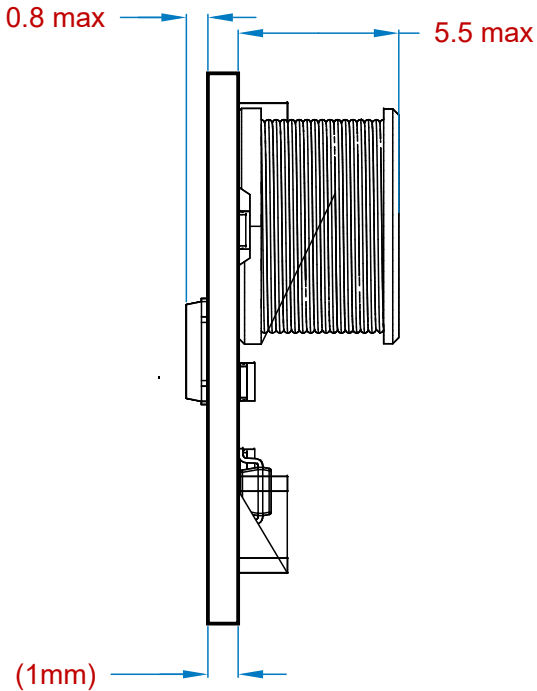


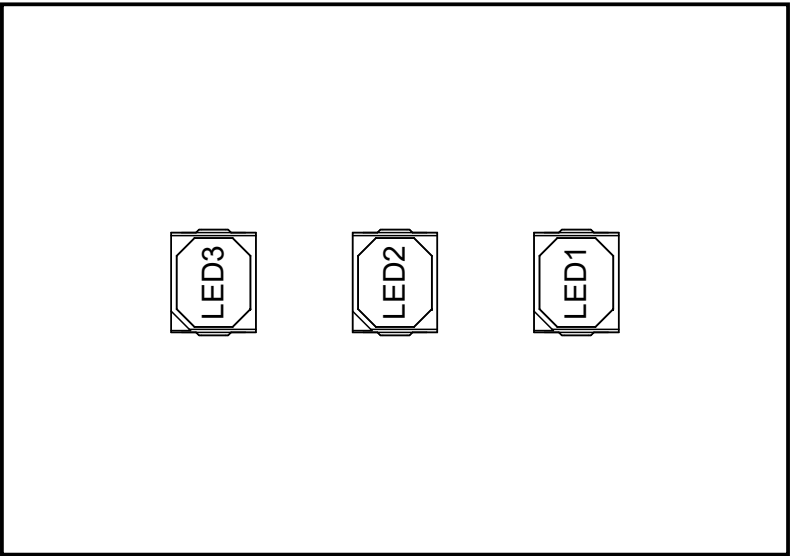
Top side (Scale 4:1)



Left side (Scale 4:1)



Bottom side (Scale 4:1)



Bill Of Materials

Line #	Designator	Comment	Footprint	Quantity
1	C1	22uF	1206	1
2	C2	1uF	1206	1
3	C3	10uF	1206	1
4	L1	10uH	WE-PD_6033	1
5	LED1, LED2, LED3	2.8V 0.07A	LED 2835	3
6	R1, R4, R7	6.8	0805_HV	3
7	R2	12k	0805_HV	1
8	R3	62k	0805_HV	1
9	R5	11k	0805_HV	1
10	R6	20k	0805_HV	1
11	U1	TPS560200DBVR	DBV0005A_N	1

Notes:

1. ALL COMPONENTS SHALL BE RoHS COMPLIANT.
2. THIS ASSEMBLY MUST COMPLY WITH WORKMANSHIP STANDARDS IPC-A-610 CLASS 2.
3. FINISHED BOARD SHALL BE CLEAN AND FREE FROM FLUX AND ALL CONTAMINANTS. USE OF NO CLEAN FLUX IS NOT ACCEPTABLE.
4. ALL COMPONENTS SHALL BE MOUNTED FLUSH TO THE BOARD.
5. FULL BOM SPECIFIED IN SEPARATE FILE BOMforPCB.pdf

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PROPRIETARY AND CONFIDENTIAL

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	VR		
		DIMENSIONS ARE IN INCHES	DRAWN		12/21/2021	Flashlight		
		TOLERANCES:	CHECKED					
		FRACTIONAL±	ENG APPR.					
		ANGULAR: MACH± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.			Flashlight		
		THREE PLACE DECIMAL ±	COMMENTS:					
		INTERPRET GEOMETRIC TOLERANCING PER:				SIZE	DWG. NO.	
		MATERIAL					002	
		FR4-18/18-1 IPC 4101						
NEXT ASSY	USED ON	FINISH				SCALE:	1:1	WEIGHT:
APPLICATION		DO NOT SCALE DRAWING						SHEET 1 OF 1