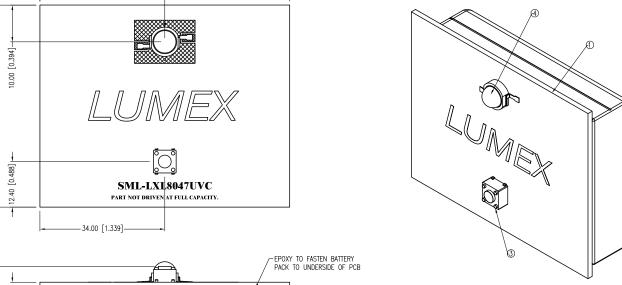
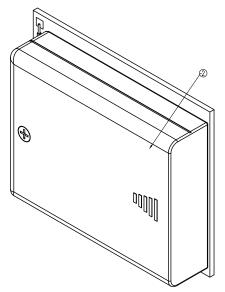
[0.063] 09.1

WIRES TO BE SOLDERED TO PCB (2 PLS.) -34.00 [1.339]-

—68.00 [2.677]-







ELECTRO-OPTICAL C	HARACTERISTICS Ta=25°C	If=700mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
DOM. WAVELENGTH		405	410	nm	
FORWARD VOLTAGE	3.4	3.6	3.8	Vf	lf=700mA
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY	14	18	22	lm	If=700mA
VIEWING ANGLE		100		2x theta	
EMITTED COLOR:	UV PURPLE				
LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	800	mA
STEADY CURRENT	700	mA
DERATE FROM 25°C	-1.2	mW/*C
OPERATING TEMP.	-20 TO +75	•C
STORAGE TEMP	_30 TO ±80	•c

CAUTION: STATIC SENSITIVE DEVICE FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART.

* t<10µS

BILL OF MATERIALS								
NO.	DESCRIPTION	PART NUMBER	MANUFACTURER	QTY.				
1	PCB	N/A		1				
2	BATTERY HOLDER	12BH441/C-GR	EAGLE PLASTICS DEVICES	1				
3	TACTILE SWITCH SPST NO	HP0215AFKP2-S	NKK SWITCHES	1				
4	2W ROUND TOP DOME UV PURPLE	SML-LXL8047UVC	LUMEX	1				
5	RESISTOR 10 OHM 1W 5% 2512 SMD	RMCF2512JT10R0	STACKPOLE ELECTRONICS	1				

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION

SML-LXL8047UVC CUSTOM DEMO KIT.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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-62.85 [2.475]-

