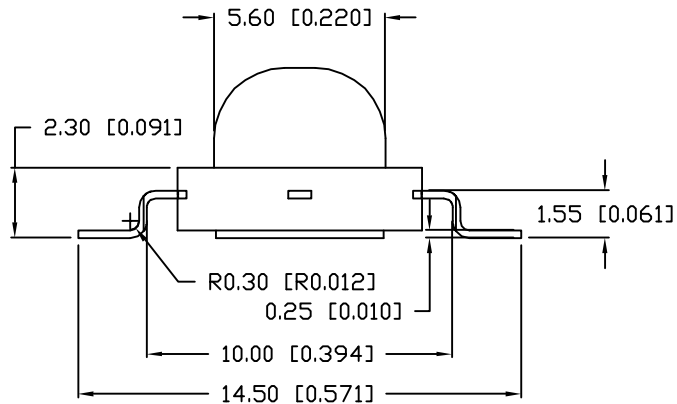
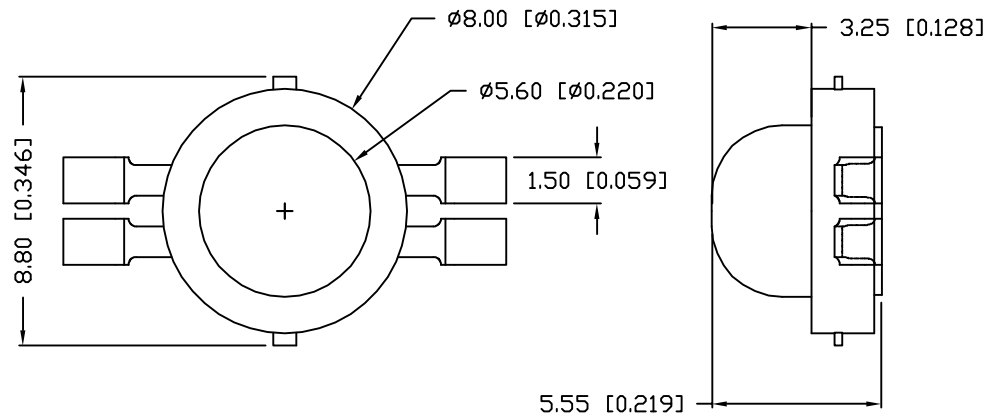


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PART NUMBER

SML-LXL22UWC112-1A

REV.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
OPERATING VOLTAGE	V_{OPT}		110		Vrms	$I_{opt}=20\text{mA(rms)}$
LUMINOUS FLUX	I_v		80		lm	$I_{opt}=20\text{mA(rms)}$
COLOR TEMPERATURE	CCT		6300		K	$I_{opt}=20\text{mA(rms)}$
POWER DISSIPATION	P		1.7		W	
CRI	R_A		70			
OPERATING FREQUENCY	Freq		50/60		Hz	
VIEWING ANGLE			110		2x theta	
EMITTED COLOR:	WHITE					
EPOXY LENS FINISH:	WATER CLEAR					

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
OPERATING VOLTAGE	V_{OPT}	115/127	Vrms
POWER DISSIPATION	P_D	3.7	W
JUNCTION TEMPERATURE	T_J	125	$^\circ\text{C}$
OPERATING TEMP.	T_{OPR}	-30 TO +85	$^\circ\text{C}$
STORAGE TEMP.	T_{STG}	-40 TO +120	$^\circ\text{C}$
ESD SENSITIVITY		2,000V HBM	$^\circ\text{C}$

*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= +DECIMAL PRECISION -0.00 MAX= +0.00 -DECIMAL PRECISION

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110V RMS, WHITE LED, 2 WATTS, PURE WHITE.

CONFIDENTIAL INFORMATION

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RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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PAGE: 1 OF 1

SCALE: N/A