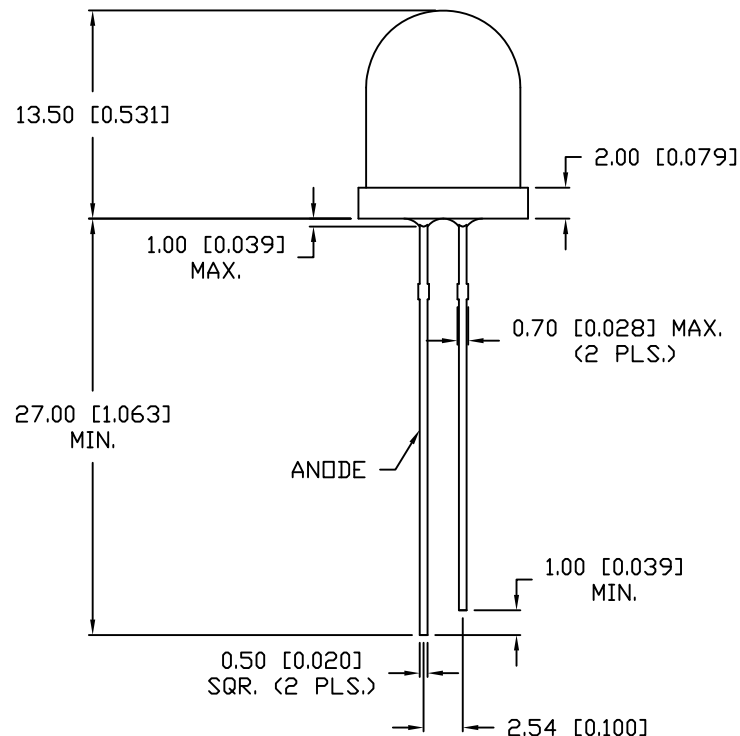
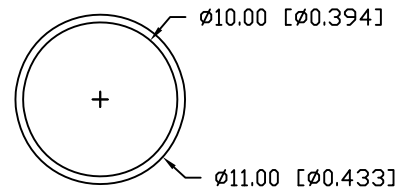


CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

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

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		- (WHITE)			nm	
FORWARD VOLTAGE	V_f	2.8	3.4	4.0	V	$I_f=20\text{mA}$
REVERSE VOLTAGE	V_r	5			V	$I_r=50\mu\text{A}$
AXIAL INTENSITY(*1)	I_v	18000	27000	36000	mcd	$I_f=20\text{mA}$
CHROMATICITY	X		0.29			$I_f=10\text{mA}$
COORDINATES(*2)	Y		0.28			
VIEWING ANGLE			10		2x theta	
EMITTED COLOR:	WHITE					

EPOXY LENS FINISH: WATER CLEAR LENS

- *1. AXIAL INTENSITY TESTING CONDITION: 550nm WAVELENGTH.
*2. THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT	I_p	100	mA
STEADY CURRENT	I_F	30	mA
POWER DISSIPATION	P_D	100	mW
OPERATING TEMP.	T_{OPR}	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	T_{STG}	-40 TO +100	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$

2.0mm FROM BODY

3 SEC. MAX

*DUTY 1/10 PULSE WIDTH 10ms

*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 MAX.= +0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SSL-LX100133UWC/B

T-10mm (T-3 1/8) ULTRA WHITE LED,
27000mcd, WATER CLEAR LENS.

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