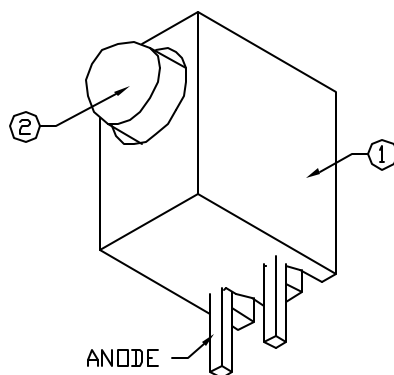
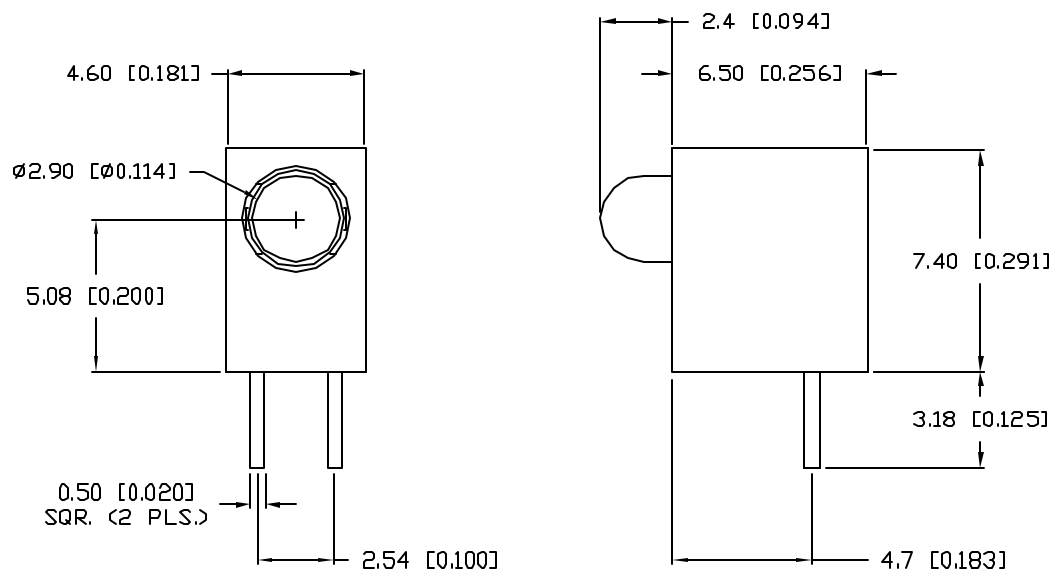


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			550 (WHITE)		nm	
FORWARD VOLTAGE	V_f		3.5	4.0	V	$I_f=20\text{mA}$
REVERSE VOLTAGE	V_r	5			V	$I_r=10\mu\text{A}$
AXIAL INTENSITY(*1)	I_v		500		mcd	$I_f=20\text{mA}$
CHROMATICITY COORDINATES(*2)	X Y		0.29 0.30			$I_f=10\text{mA}$
VIEWING ANGLE			30		2x theta	
EMITTED COLOR:	WHITE					
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED					

*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	120	mW
OPERATING TEMP.	T_{OPR}	-30 TO +80	$^\circ\text{C}$
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

NOTES:

- SSH-LXH103 HOLDER.
- SSL-LX3044UWW LED.

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

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±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

REV.

PART NUMBER

SSF-LXH103UWW

T-3mm SINGLE LEVEL, FAULT INDICATOR,
ULTRA WHITE LED, WHITE DIFFUSED 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

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