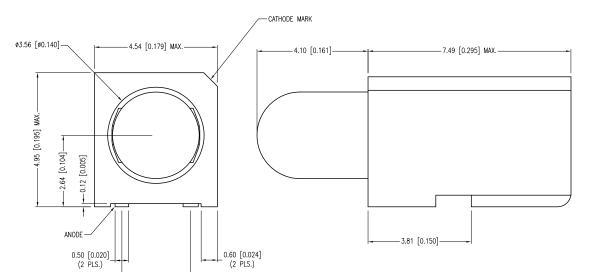
REV.



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER UNITS TYP UNITS PEAK WAVELENGTH (G/R) 470 nm FORWARD VOLTAGE (G/R) 3.5 Vf REVERSE VOLTAGE ۷r lr=100μA AXIAL INTENSITY (G/R) 120 mcd If=20mA VIEWING ANGLE 60 2x theta EMITTED COLOR: EPOXY LENS FINISH: BLUE DEFFUSED

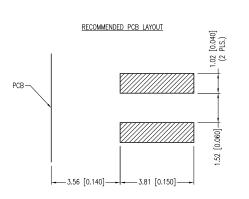
## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT (G/R)	30	mA
POWER DISSIPATION	98	mW
DERATE FROM 25°C	-1.6	mW/*C
OPERATING TEMP.	-40 TO +85	•c

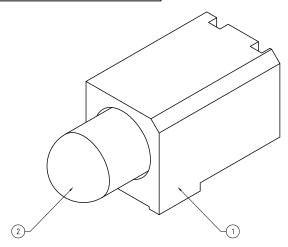
\* t<10µS

<u>CAUTION: STATIC SENSITIVE DEVICE</u>
FOLLOW PROPER E.S.D. HANDLING PROCEDURES

WHEN WORKING WITH THIS PART.



2.54 [0.100] ---



## NOTES:

- 1. SSH-LXH306 HOLDER, BLACK NYLON.
- 2. SSL-LX308F4SUSBD LED

PROPRIETRY DESIGN

\*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 =  $^{+DECIMAL}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$  MAX.=  $^{+0.00}_{-0.00}$  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 =  $^{+DECIMAL}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$  MAX.=  $^{+0.00}_{-0.00}$  PRECISION MAX.=  $^{$ 

T-3mm LED, RIGHT ANGLE SURFACE MOUNT, 470nm InGaN BLUE LED, BLUE DIFFUSED LENS.

2/188-4900 3666 \*\*The specifications may change at any time without notice due to new materials or product improvement.\*\*

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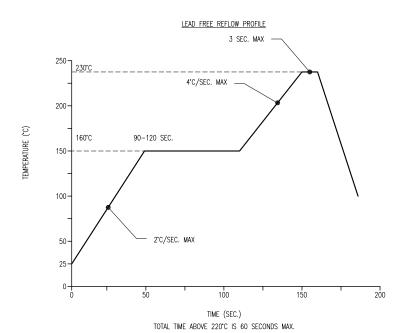


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PART NUMBER

SSF-LXH306USBD

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PROPRIETARY DESIGN UNCONTROLLED DOCUMENT

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