



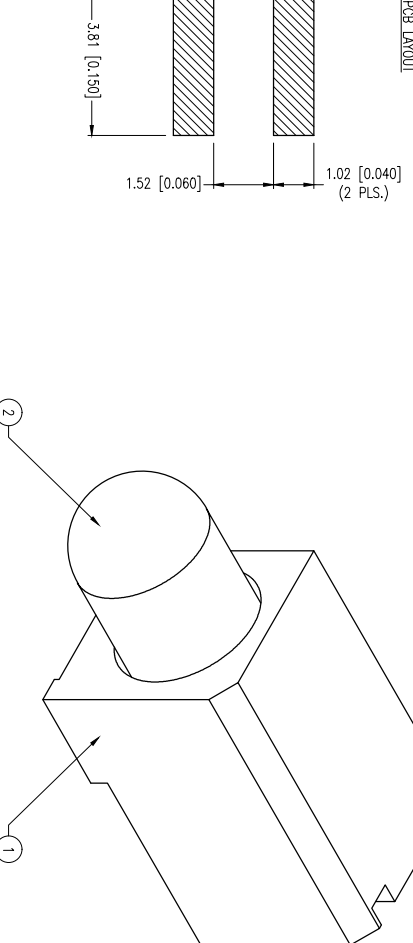
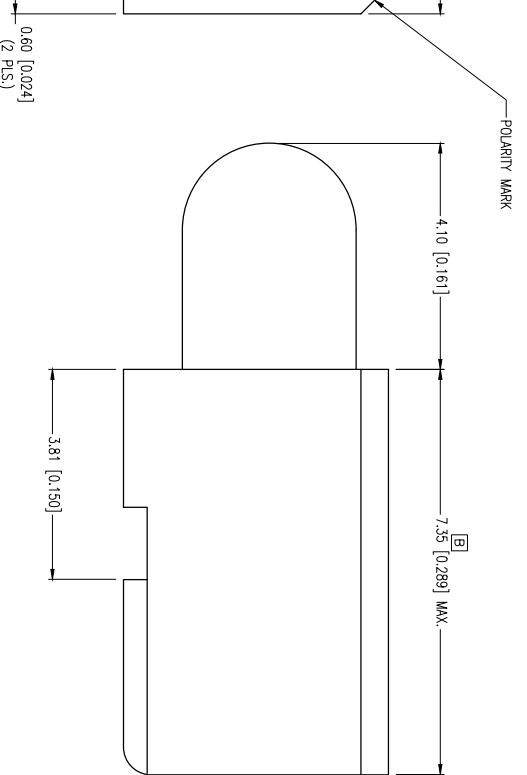
**THE DATASHEET OF
SSF-LXH306SGD-TR**



PART NUMBER	SSF-LXH306SGD-TR		REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.	A
10.01.07	E.C.N. #11447.			
08.19.11	E.C.N. #11744/10BRDR. & REDRAWN.			B

ELECTRO-OPTICAL CHARACTERISTICS $I_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYPE	MAX	UNITS	TEST COND
PEAK WAVELENGTH	565		2.6	nm	
FORWARD VOLTAGE	2.2			V_f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			V_r	$I_f=20\text{mA}$
AXIAL INTENSITY	80			med	
VIEWING ANGLE	60			2λ theo	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				



LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+230	°C
2.0mm FROM BODY	3	SEC. MAX.

* <10µs

NOTES:

1. SSH-LXH306 HOLDER, BLACK NYLON.
2. SSL-LX308F45SD LED.
3. LVA-CARRIER24-56.
4. 1,000 PCS. PER REEL.

±11 (±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= ±0.00

SARY AVE
STREAM, IL 60188
630-315-2150
3-315-2151
WWW.LUMEX.COM

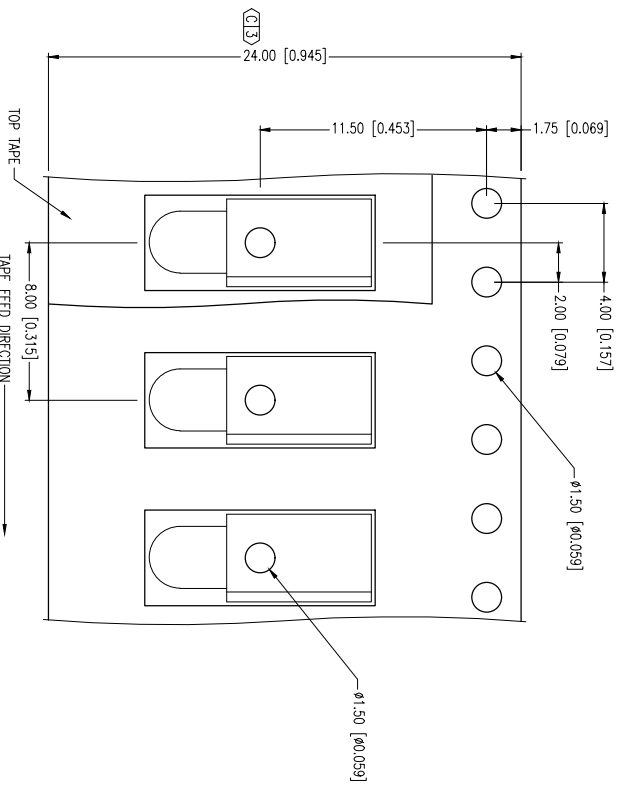
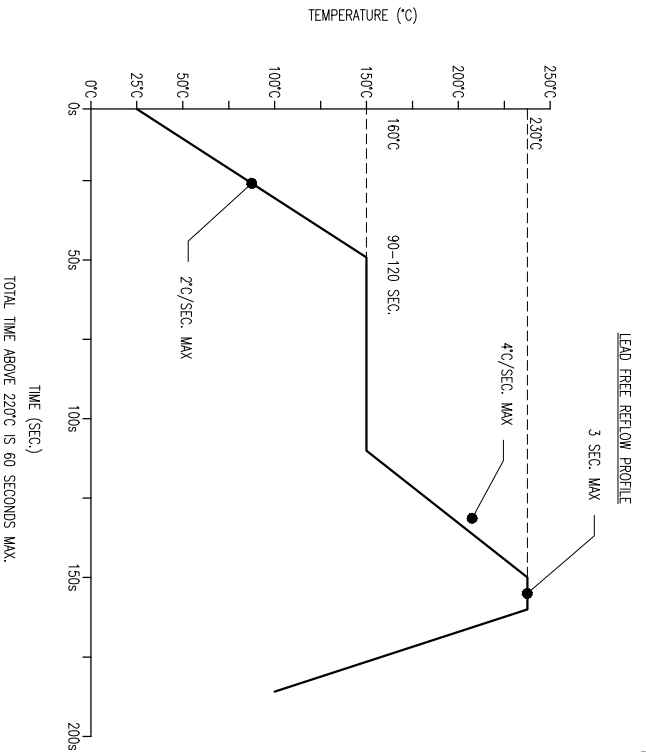
T-3mm LED, RIGHT ANGLE SURFACE MOUNT, 565nm SUPER GREEN, GREEN DIFFUSED.
THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT
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10.01.07	E.C.N. #11447.		REV.	A
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±0.1 (±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= $\frac{+0.00}{-0.00}$ DECIMAL PRECISION
 SARY AVE
 STREAM, IL 60188
 630-315-2150
 630-315-2151
 WWW.LUMEX.COM

T-3mm LED, RIGHT ANGLE SURFACE MOUNT, 565nm SUPER GREEN, GREEN DIFFUSED.

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