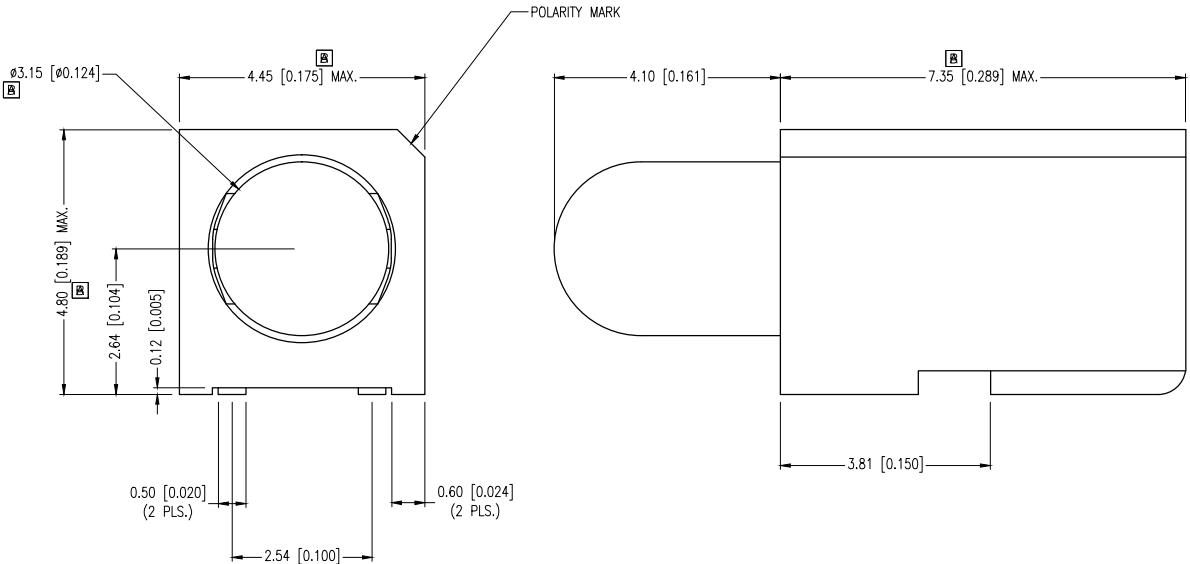


PART NUMBER	SSH-LXH306SS00M	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.19.11	E.C.N. #11744/10BRDR. & REDRAWN.		A



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		565		nm
FORWARD VOLTAGE		2.2	2.6	V_f
REVERSE VOLTAGE	5.0			V_r
AXIAL INTENSITY		80		mcd
VIEWING ANGLE		60		2x theta
EMITTED COLOR:	GREEN			
EPOXY LENS FINISH:	GREEN DIFFUSED			

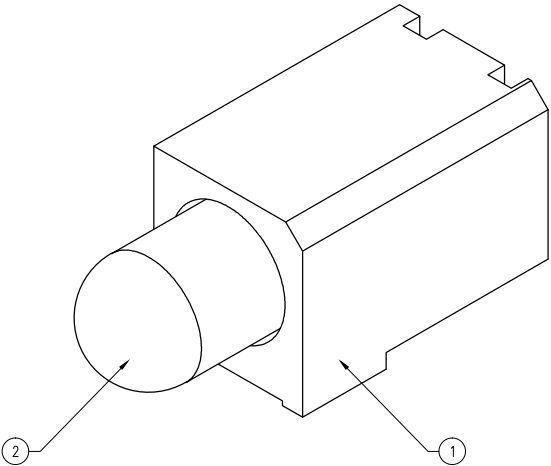
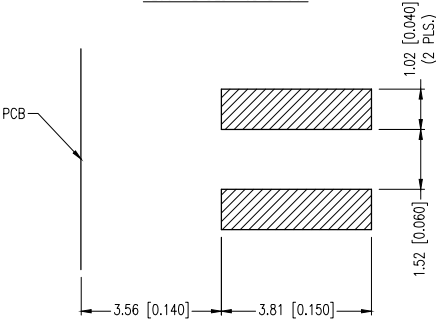
LIMITS OF SAFE OPERATION AT 25°C PER CHIP		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+230	°C
2.0mm FROM BODY	3	SEC. MAX.

* $t < 10\mu\text{s}$

NOTES:

- SSH-LXH306 HOLDER, BLACK NYLON.
- SSL-LX308F4S0D LED.
- LXP-CARRIER24-56.
- 1,000 PCS. PER REEL.

RECOMMENDED PCB LAYOUT



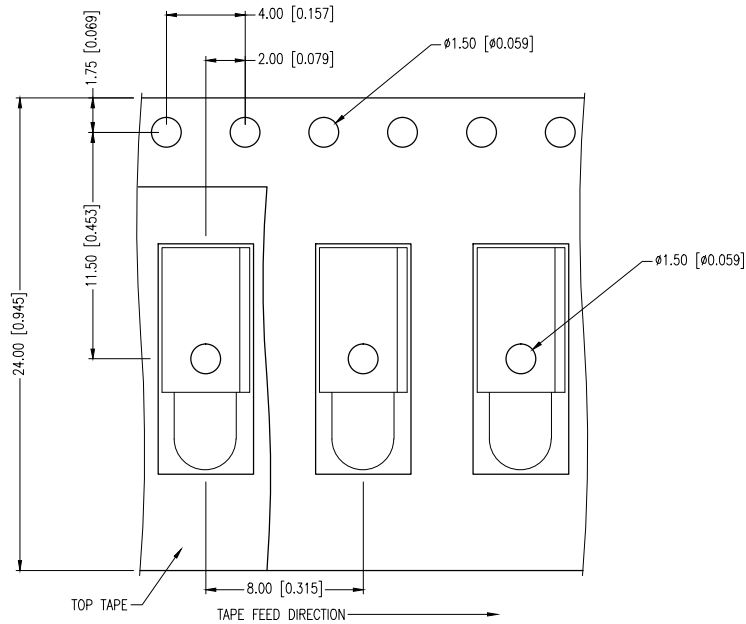
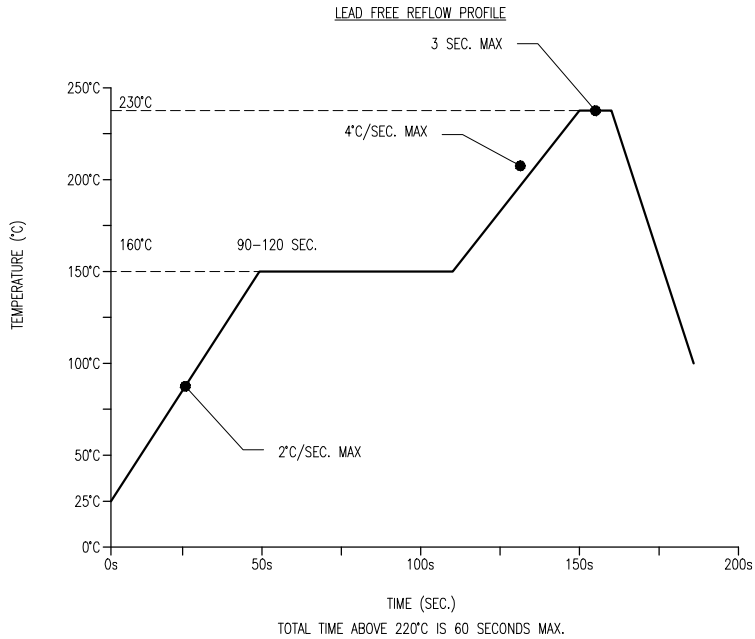
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION

	425 N GARY AVE CAROL STREAM, IL 60188 PHONE: 630-315-2150 FAX: 630-315-2151 WEB: WWW.LUMEX.COM	T-3mm LED, RIGHT ANGLE SURFACE MOUNT, 565nm SUPER GREEN, GREEN DIFFUSED.	DATE: 08.19.11	DRAWN BY: AB
			PAGE: 1 OF 1	CHKD BY: --
			SCALE: NTS	APRVD BY: --
			UNIT: mm [INCH]	Ⓟ

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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