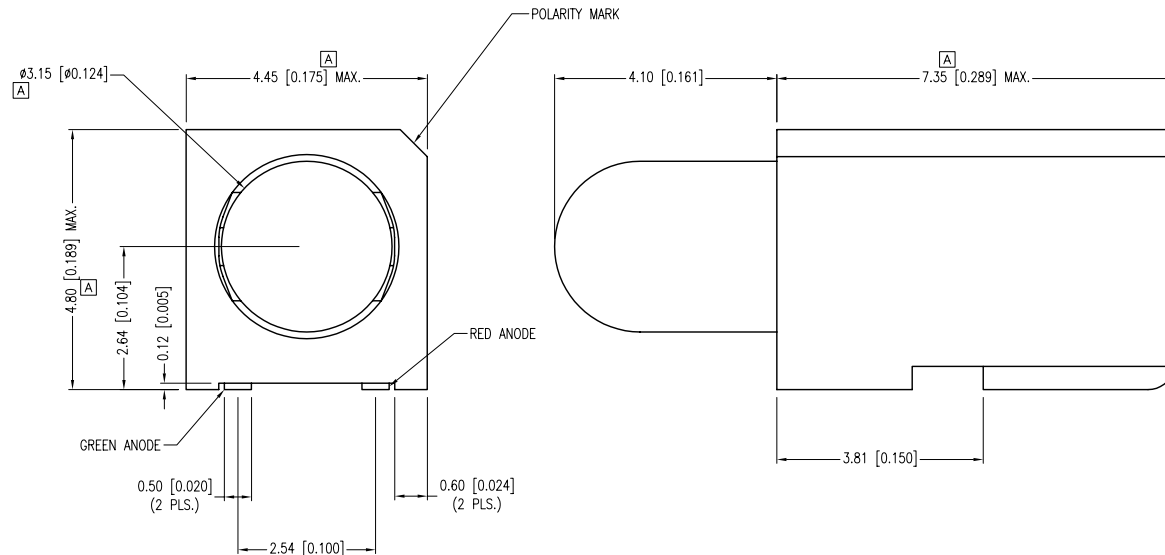


PART NUMBER	SSF-LXH306SUGSIWTR	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.19.11	E.C.N. #11744/10BRDR. & REDRAWN.		A



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH (G/R)		574/636		nm	
FORWARD VOLTAGE (G/R)		2.2/2.0	2.6/2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY (G/R)		50/100		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN/RED				
EPOXY LENS FINISH:	MILKY WHITE				

LIMITS OF SAFE OPERATION AT 25°C

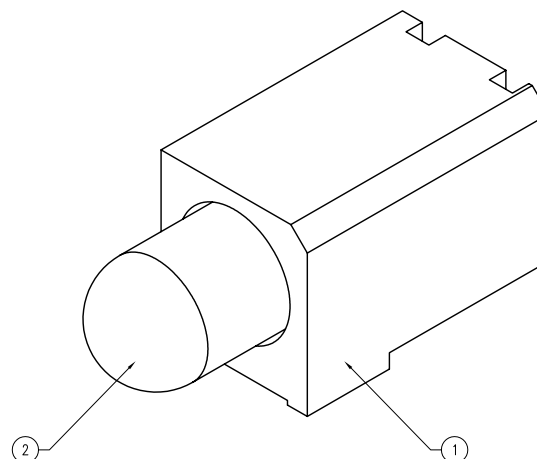
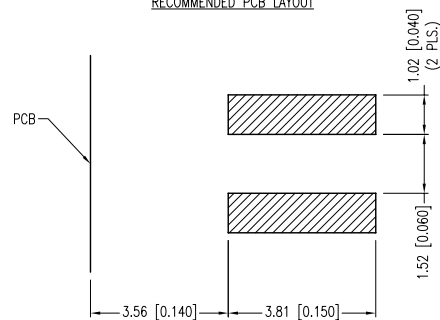
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT (G/R)	25/30	mA
POWER DISSIPATION	90	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

* t<10μs

NOTES:

- SSH-LXH306 HOLDER, BLACK NYLON.
- SSL-LX308F4SUGSIW LED, 0.4x0.5mm LEAD FRAME, HIGH TEMP. EPOXY.
- 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.= +DECIMAL PRECISION -0.00

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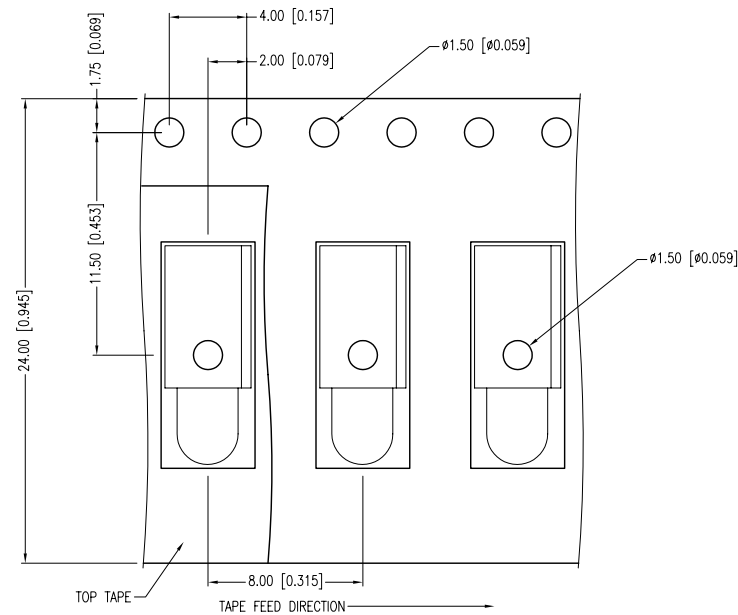
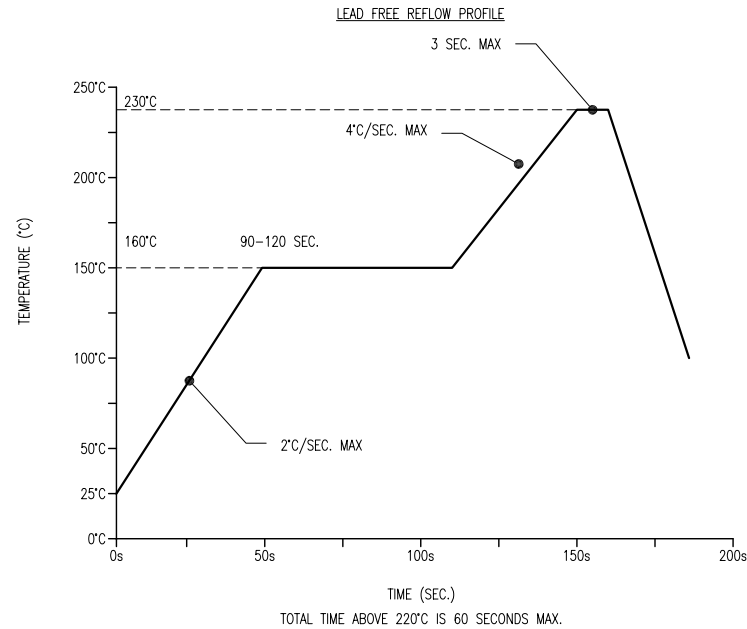
T-3mm LED, RIGHT ANGLE SURFACE MOUNT, BI-COLOR 574/636nm SUPER GREEN/RED, MILKY WHITE DIFFUSED.

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

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PART NUMBER	SSF-LXH306SUGSIWTR	REV.	A
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