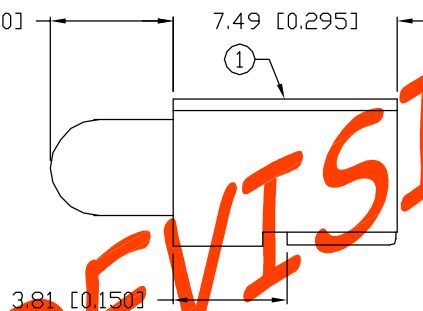
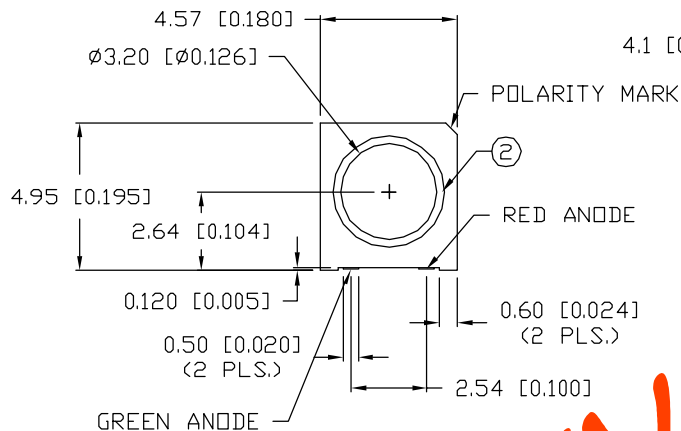
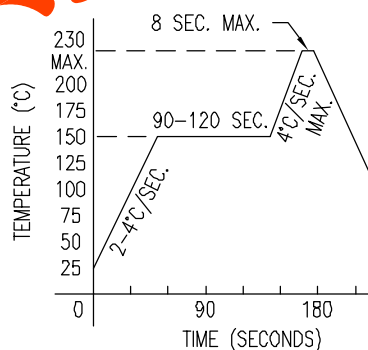


SSF-LXH306GIW-TR

PRELIMINARY IN P/N DIR



REFLOW PROFILE

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
		635 (RED)		nm	
FORWARD VOLTAGE (G/R)		2.2/2.0	2.6/2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		15		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:		GREEN/RED			
EPOXY LENS FINISH:		MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

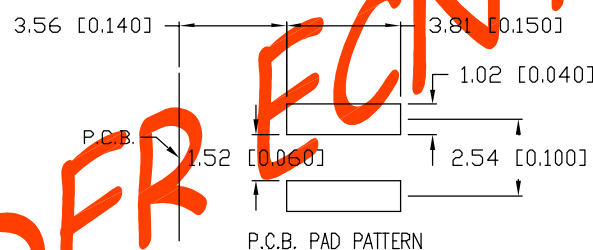
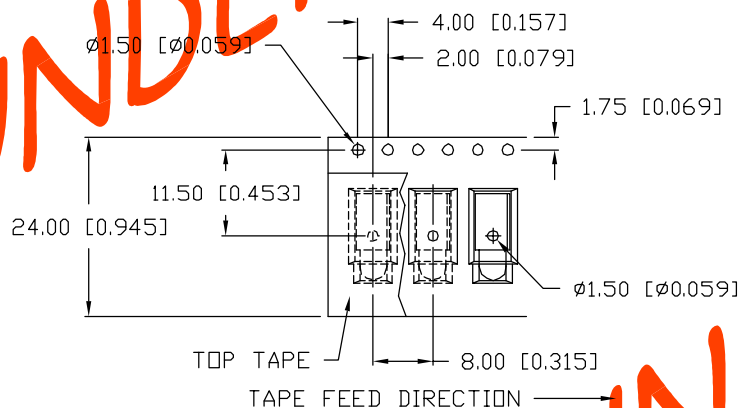
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(G/R)	25/30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.6	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C

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

NOTES:

- SSH-LXH306 HOLDER, BLACK NYLON.
- SSL-LX308F4IGW LED.
- LXP-CARRIER24-56.
- 1,000 PCS. PER REEL.

(Pb)



*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 MAX.=+0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SSF-LXH306GIW-TR

T-3mm LED, RIGHT ANGLE SURFACE MOUNT,
BI-COLOR 565nm GREEN/ 635nm RED,
MILKY WHITE DIFFUSED.

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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DRAWN BY: JN CHECKED BY: APPROVED BY: DATE: 03.19.09
PAGE: 1 OF 1
SCALE: N/A