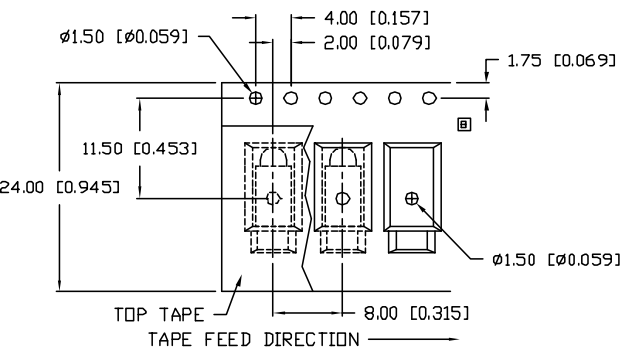
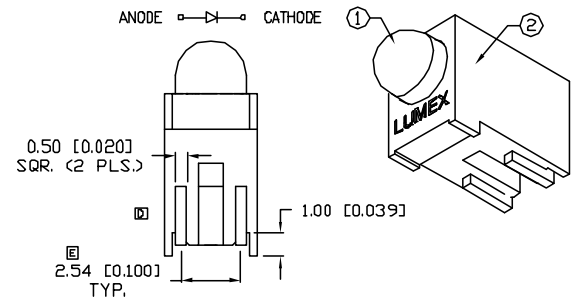
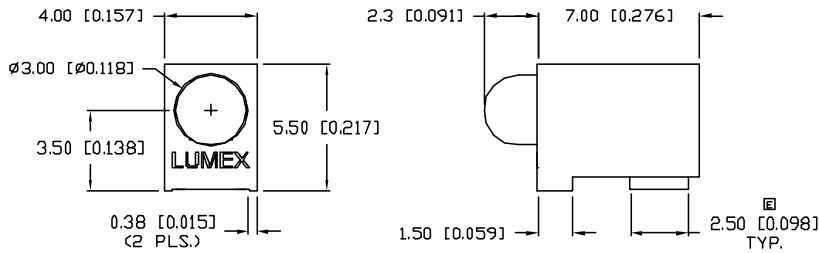
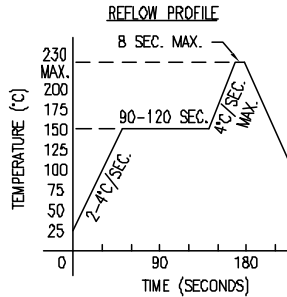


UNCONTROLLED DOCUMENT

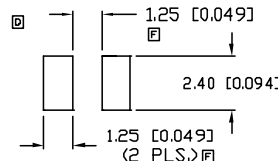


*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005).

PATENT PENDING



RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER		REV.
SSF-LXH305SRT(-TR)		F
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR & REDRAWN.	10.15.97
B	E.C.N. #10625.	5.22.00
C	E.C.N. #10683.	11.30.00
D	E.C.N. #10782.	11.6.01
E	E.C.N. #10855	4.22.02
F	E.C.N. #10864.	5.15.02

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	Vf	
REVERSE VOLTAGE	4.0			Vr	If=100µA
AXIAL INTENSITY		300		mcd	If=20mA
VIEWING ANGLE		50		2x theta	
EMITTED COLOR:	SUPER RED				
EPOXY LENS FINISH:	RED TRANSPARENT				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+230	°C
		3 SEC. MAX

* t<10µS

NOTES:

1. SSL-LX305F4SRT, RED LED.
2. SSH-LXH305, BLACK HOLDER.
3. -TR SUFFIX TO DESIGNATE TAPE AND REEL SUPPLIED.
4. CARRIER TAPE #LXP-CARRIER24-56.

UNCONTROLLED DOCUMENT

REV.	PART NUMBER
F	SSF-LXH305SRT(-TR)

T-3mm (T-1) RIGHT ANGLE SURFACE MOUNT LED,
660nm SUPER RED LED,
RED TRANSPARENT LENS, TAPE AND REEL

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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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BC			PAGE: 1 OF 1
			SCALE: N/A