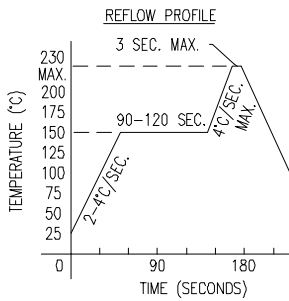
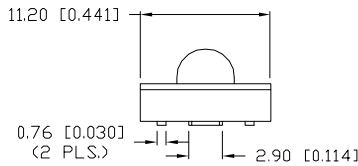
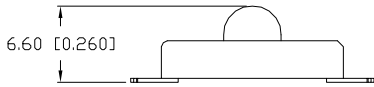
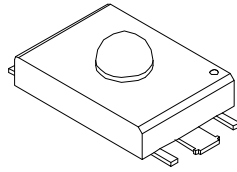
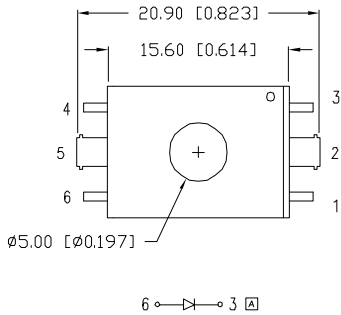
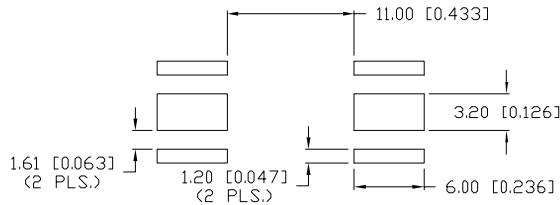


UNCONTROLLED DOCUMENT



RECOMMENDED SOLDER PAD LAYOUT



*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=-DECIMAL PRECISION

PART NUMBER		REV.
SSP-LX6144C7UC		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11073.	12.31.03

ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C I _f =120mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470		nm	
FORWARD VOLTAGE		3.4	4.0	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100µA
AXIAL INTENSITY		4.0		cd	I _f =120mA
TOTAL FLUX		2.0		Lm	I _f =120mA
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	BLUE				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	250	mA
STEADY CURRENT	120	mA
POWER DISSIPATION	420	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-20 TO +80	°C
STORAGE TEMP.	-35 TO +85	°C

* t<10µS

NOTES:

- PARTS ARE PACKAGED IN ANTI-STATIC TUBES.

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

UNCONTROLLED DOCUMENT

REV.	PART NUMBER
A	SSP-LX6144C7UC
30° VIEWING LUXLED, 470nm BLUE, WATER CLEAR LENS.	

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:	CHECKED:	APPROVED:	DATE:
BC			7.18.03
			PAGE: 1 OF 1