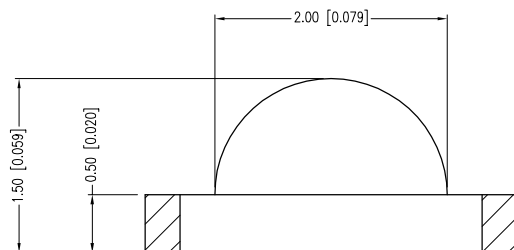
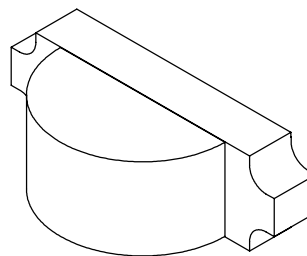
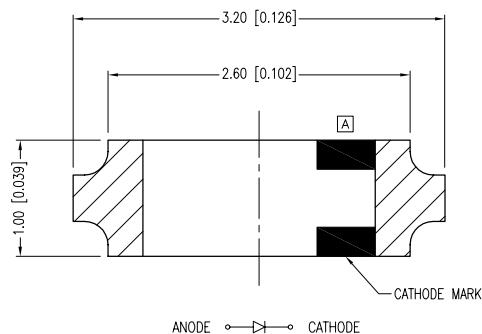


PART NUMBER	SML-LXR85UWC-TR	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.12.05	E.C.N. #11248.		A
03.18.11	E.C.N. #10BRDR. & REDRAWN/ #11704.		B



ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C If = 20mA					
PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH		550 (WHITE)		nm	
FORWARD VOLTAGE		3.5	4.0	Vf	If=20mA
REVERSE VOLTAGE	5.0			Vr	Ir=10μA
AXIAL INTENSITY*		90		mcd	If=20mA
CHROMATICITY (X)		0.29			If=20mA
COORDINATES (Y)**		0.31			
VIEWING ANGLE		130		2x theta	
EMITTED COLOR:	WHITE				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

*AXIAL INTENSITY TESTING CONDITION 550nm WAVELENGTH.

**THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

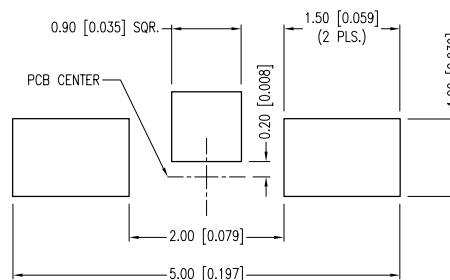
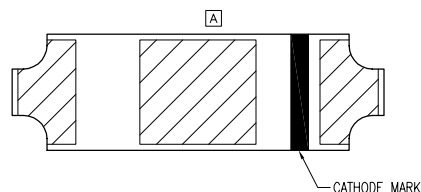
PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT	I _p	100	mA
STEADY CURRENT	I _F	25	mA
POWER DISSIPATION	P _D	80	mW
OPERATING TEMP.	T _{OPR}	-30 TO +85	°C
STORAGE TEMP.	T _{STG}	-40 TO +85	°C

* t<10μS

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDS

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

RECOMMENDED SOLDER PAD 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} -0.00 ^{-DECIMAL PRECISION}

UNCONTROLLED DOCUMENT



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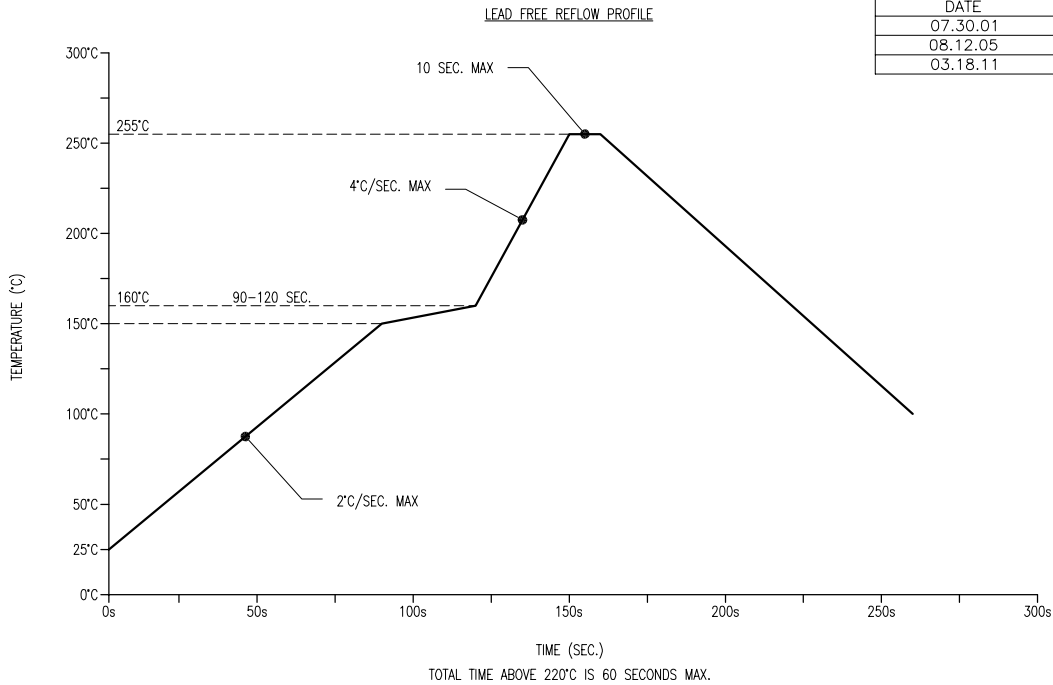
0.5mm x 3.2mm PCB, RIGHT ANGLE SURFACE MOUNT LED, WHITE, YELLOW DIFFUSED, 3K PER REEL.

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

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DATE:	03.18.11	DRAWN BY:	AB
PAGE:	1 OF 2	CHKD BY:	JD
SCALE:	NTS	APRVD BY:	JD
UNIT:	mm [INCH]		Ⓟ

PART NUMBER	SML-LXR85UWC-TR	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.30.01	E.C.N. #10BRDR./ #10771.		A
08.12.05	E.C.N. #11248.		B
03.18.11	E.C.N. #10BRDR. & REDRAWN/ #11704.		C



- NOTES:
- 3,000 PIECES PER REEL.
 - THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

