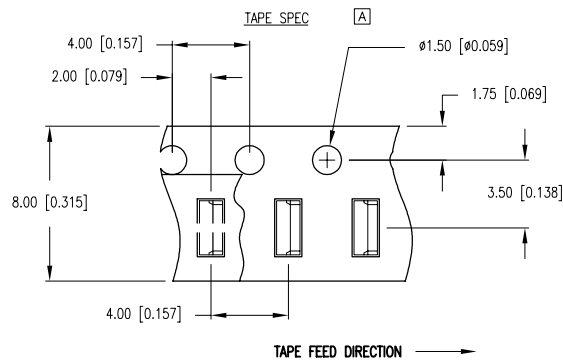
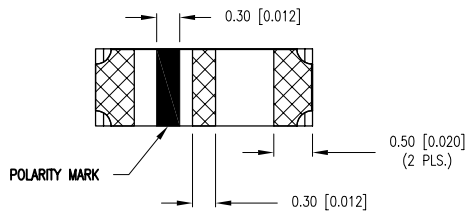
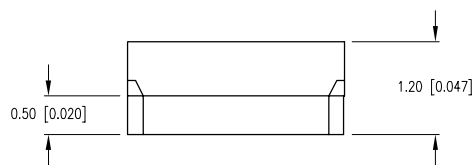
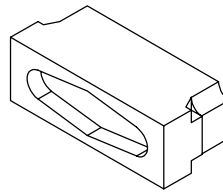
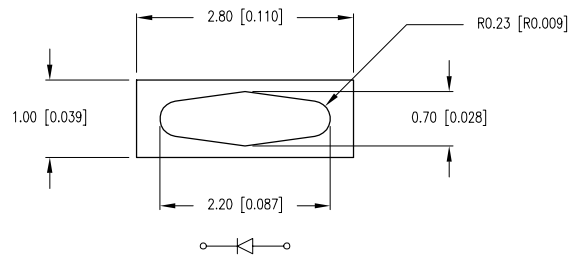
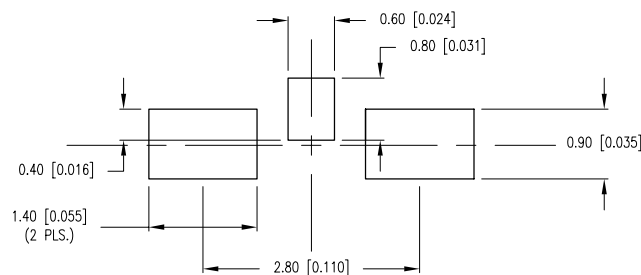


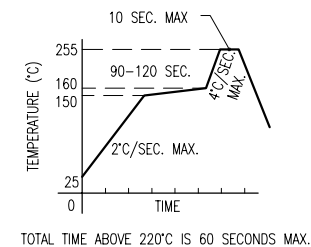
PART NUMBER	SML-LXR128UWC-TR	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
02.05.03	E.C.N. #10BRDR. & REDRAWN.		A
10.15.07	E.C.N. #11148.		B



RECOMMENDED SOLDER PAD LAYOUT



LEAD FREE REFLOW PROFILE



ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C

PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH		550		nm	
FORWARD VOLTAGE		3.5	4.0	Vf	If=20mA
REVERSE VOLTAGE	5.0			Vr	Ir=10µA
AXIAL INTENSITY*		400		mcd	If=20mA
CHROMATICITY (X)		0.33			If=20mA
COORDINATES (Y)**		0.34			
VIEWING ANGLE		90		2x theta	
EMITTED COLOR:	WHITE				
EPOXY LENS FINISH:	WATER CLEAR				

*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	180	mA
STEADY CURRENT	I _F	30	mA
POWER DISSIPATION	P _D	105	mW
OPERATING TEMP.	T _{OPR}	-40 TO +85	°C
STORAGE TEMP.	P _{STG}	-40 TO +85	°C

*DUTY 1/10 PULSE WIDTH 10ms

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDSCAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

NOTES:

- 2000 PCS/REEL.
- THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

*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

UNCONTROLLED DOCUMENT



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FAX: +1.847.359.6538
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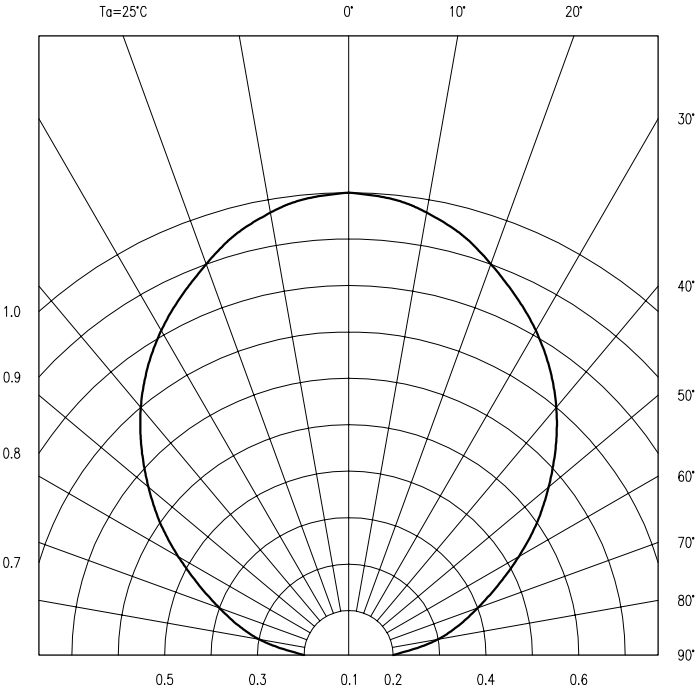
2.8mm x 1.0mm SMT LED, WHITE LED, RIGHT ANGLE MOUNT.

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

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DATE:	08.20.02	DRAWN BY:	CT
PAGE:	1 OF 2	CHKD BY:	JD
SCALE:	NTS	APRVD BY:	JD
UNIT:	mm [INCH]		Ⓢ

PART NUMBER	SML-LXR128UWC-TR	REV.	B
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02.05.03	E.C.N. #10BRDR. & REDRAWN.		A
10.15.07	E.C.N. #11148.		B



RADIATION DIAGRAM

*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} MAX.= ^{+0.00} _{-DECIMAL PRECISION} UNCONTROLLED DOCUMENT



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