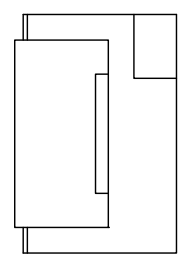
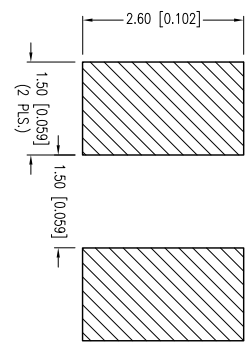
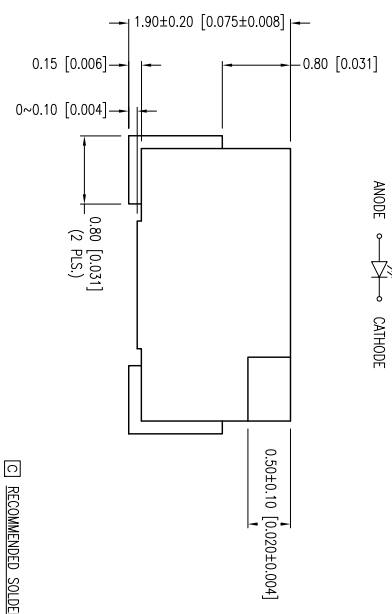
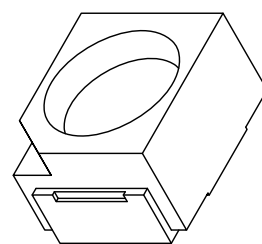
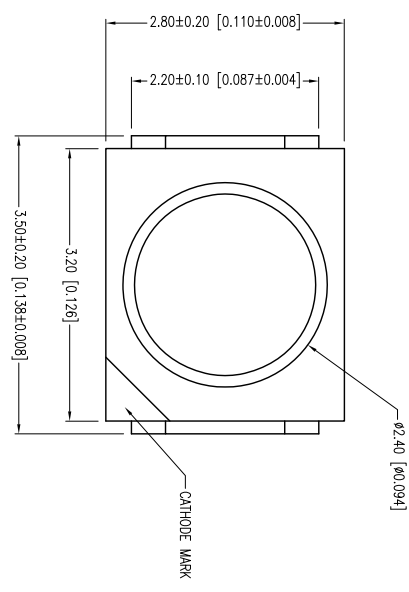


PART NUMBER	SML-LX2832SUGC-TR	REV.	E
DATE	E.C.N. #10967.	REV.	A
03.14.03	E.C.N. #11148.	REV.	B
02.08.05	E.C.N. #11450.	REV.	C
10.16.07	E.C.N. #11627.	REV.	D
05.05.10	E.C.N. #10BRDR. & REDRAWN/#11812.	REV.	E
04.11.12			



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$

PARAMETER	MIN	TP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE		2.2	2.6	V _f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			V _r	$I_f=20\text{mA}$
AXIAL INTENSITY		150		med	
VIEWING ANGLE		120		2x Theta	
EMITTED COLOR:		GREEN			
LENS FINISH:		WATER CLEAR			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-30 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.:	+260	°C
2.0mm FROM BODY	3	SEC.

CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 3 STANDARDS

*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.= -0.00, DECIMAL PRECISION MAX.= +0.00, DECIMAL PRECISION

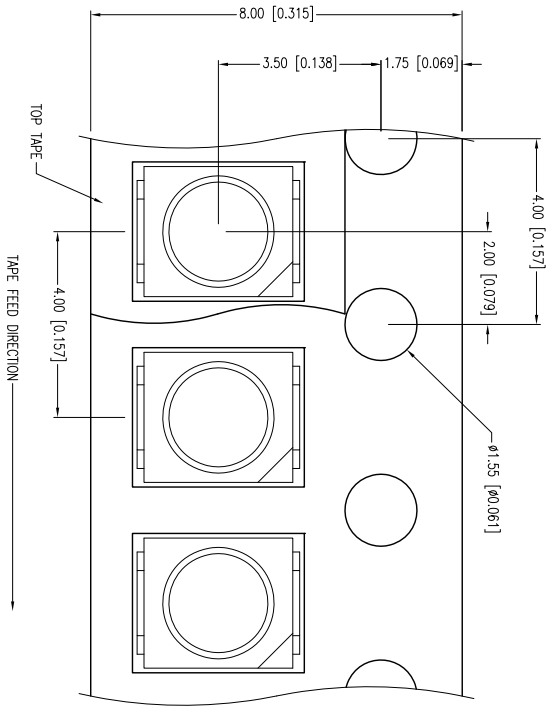
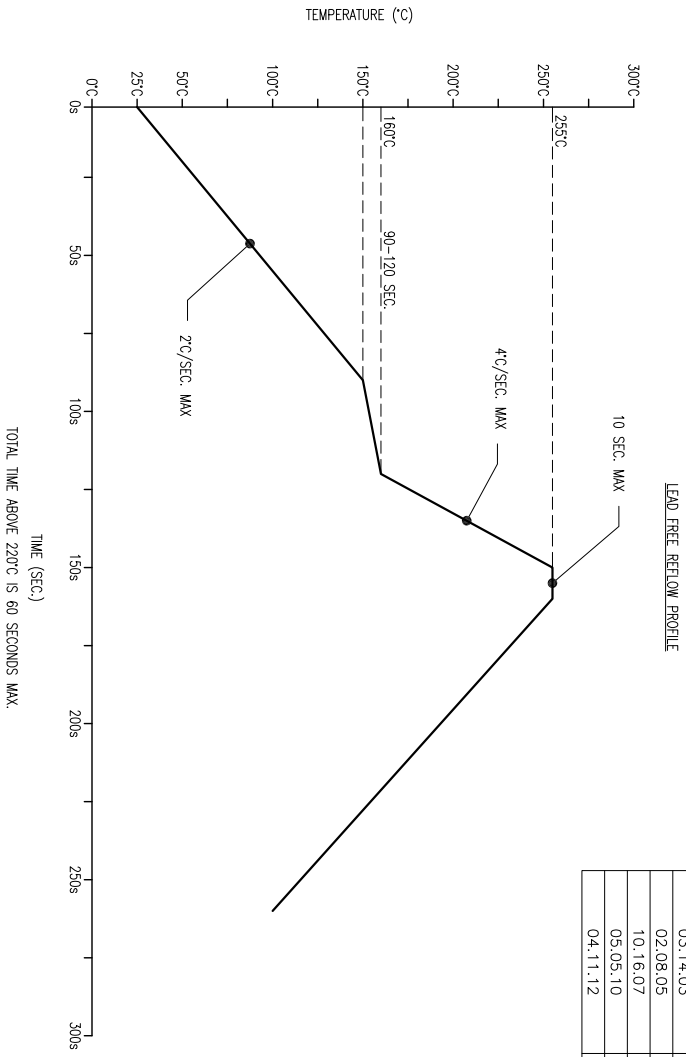
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LUMEX
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 MEMBER OF JTW PHOTONICS GROUP

2.8mm X 3.2mm SML / W REFLECTOR, 574nm LED, WATER CLEAR LENS, 2,000 PCS PER TAPE & REEL.
 THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT
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DATE:	04.11.12	DRAWN BY:	AB
PAGE:	1 OF 2	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		

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04.11.12			



NOTES:
1. THE POLARITY MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

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