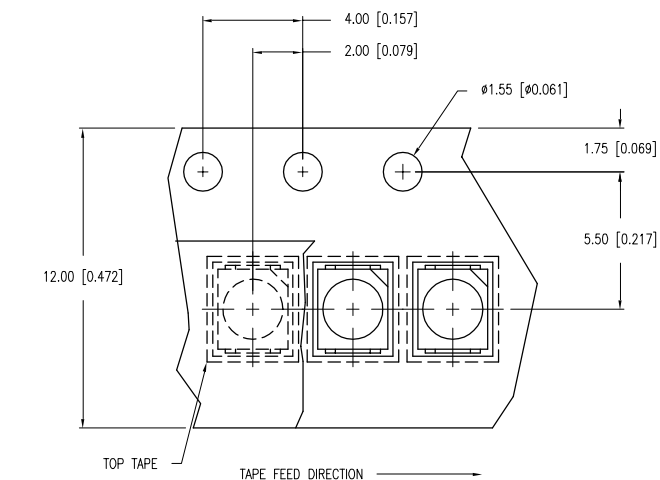
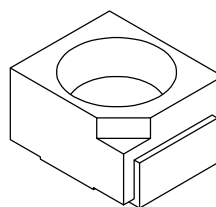
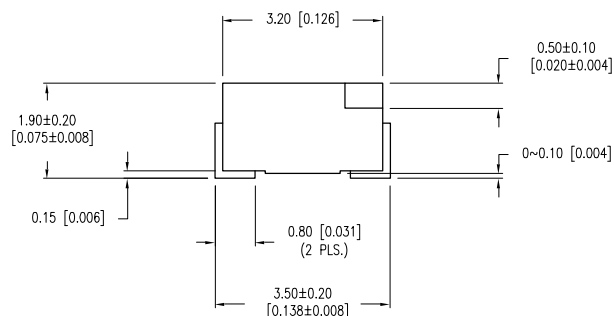
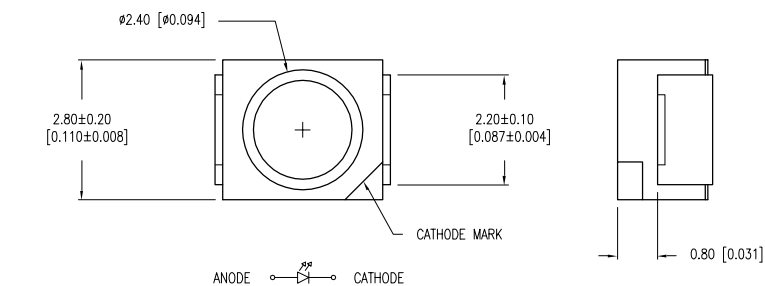
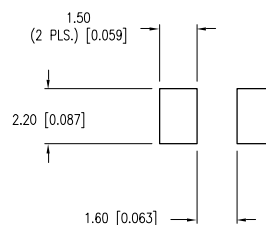


PART NUMBER	SML-LX2832PC-TR	REV.	
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	



RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH				nm	
FORWARD VOLTAGE		3.3	4.0	V_f	$I_f=20\text{mA}$
REVERSE VOLTAGE	5.0			V_r	$I_r=50\mu\text{A}$
AXIAL INTENSITY	180	300		mcd	$I_f=20\text{mA}$
CHROMATICITY X		0.35			
COORDINATES (*) Y		0.15			$I_f=20\text{mA}$
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	PINK				
EPOXY LENS FINISH:	WATER CLEAR				

* THE ICI STANDARD COLORIMETRIC SYSTEM.

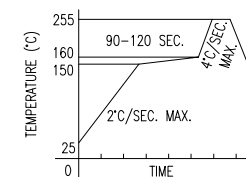
LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT	I_P	100*	mA
STEADY CURRENT	I_F	30	mA
POWER DISSIPATION	P_D	120	mW
OPERATING TEMP.	T_{OPR}	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	T_{STG}	-40 TO +85	$^\circ\text{C}$

*DUTY 1/10 PULSE WIDTH 10ms

LEAD FREE REFLOW PROFILE

10 SEC. MAX.

TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

NOTES:

- THE POLARITY MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDSCAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.*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= $\begin{matrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$ MAX.= $\begin{matrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{matrix}$
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2.8mm X 3.2mm SML /W REFLECTOR, PINK LED, WATER CLEAR LENS, 1500 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: 05.11.10	DRAWN BY: JH
PAGE: 1 OF 1	CHKD BY: KF
SCALE: N/A	APRVD BY: BC
UNIT: mm [INCH]	(P)