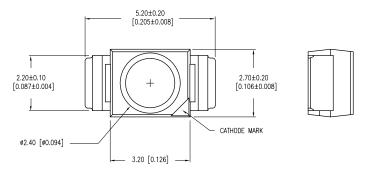
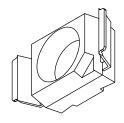
PART NUMBER

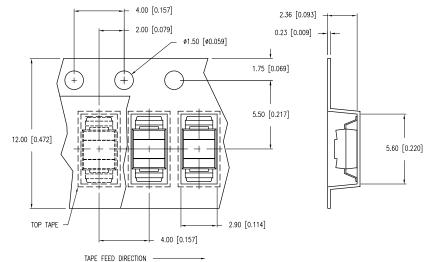
SML-LX2832SYC-TR31

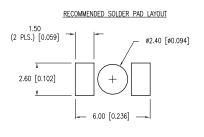
REV.



0.30 [0.012] (2 PLS.)	0.50 [0.020]
	1.80 [0.071]
0.36 [0.014] (2 PLS.)	







ELECTRO-OPTICAL C	HARACTERISTIC	CS T _A = 25°C	$I_f = 20 \text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		591		nm	
FORWARD VOLTAGE		2.0	2.4	V f	
REVERSE VOLTAGE	5.0			V _r	I _r =100µA
AXIAL INTENSITY		150		mcd	$I_f = 20mA$
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	YELLOW				

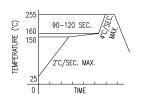
LIMITS OF SAFE OPERATION AT 25°C

EPOXY LENS FINISH: WATER CLEAR

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	60	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	60	mW
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING TEMP.	-40 TO +85	•C
STORAGE TEMP.	-40 TO +85	.c

* t<10µS

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 2 STANDARDS

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.5 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION $UNCONTROLLED\ DOCUMENT$



290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM 2.8mm X 3.2mm SML /W REFLECTOR, 591nm LED, WATER CLEAR LENS. REVERSE GULL WING LEADS.

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

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CISION UNCONTROLLED DUCUMENT						
	DATE:	05	5.12.0)9	DRAWN BY:	JN
	PAGE:	1	OF	1	CHKD BY:	SS
	SCALE:		N/A		APRVD BY:	KF
	UNIT: mm [INCH]			CH]	(Pb)	