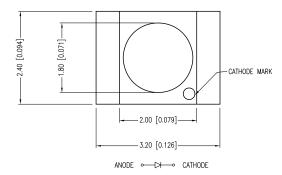
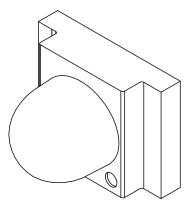
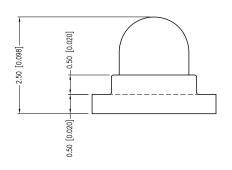
SML-LXL1209UWC/BTR

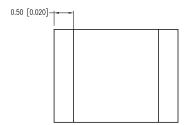
REV.











-2.40 [0.094]-			
.30 [0.051]—	 2.00	[0.079]	_

LECTRO-OPTICAL	CHARACTERISTICS Ta=25°C	If=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		_		nm	
ORWARD VOLTAGE	2.8	3.1	3.7	Vf	
REVERSE VOLTAGE	5.0			Vr	lr=10µA
XIAL INTENSITY	125	240	400	mcd	lf=20mA
IEWING ANGLE		130		2x theta	
MITTED COLOR:	WHITE				
ENS FINISH:	YELLOW				

LIMITS OF SAFE OPERATION AT 25°C					
PARAMETER	MAX	UNITS			
PEAK FORWARD CURRENT*	125	mA			
STEADY CURRENT	30	mA			
POWER DISSIPATION	110	mW			
DERATE FROM 25°C	-1.2	mW/*C			
OPERATING TEMP.	-40 TO +80	•C			
STORAGE TEMP.	-40 TO +85	•C			

CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 3 STANDARDS

* t<10µS

*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= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-DECIMAL}$ PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.003), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-DECIMAL}$ PRECISION DECIMAL PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.001), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003), MIN= $^{+DECIMAL}_{-0.00}$ PRECISION DECIMAL PRECISION MAX.= $^{+0.00}_{-DECIMAL}$ P LINICONTROLLED DOCLIMENT



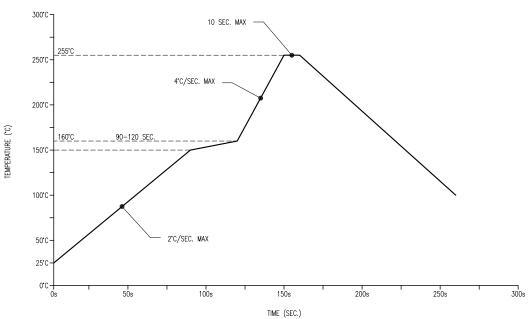
425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP 3.2x2.4mm SURFACE MOUNT LED, WHITE, YELLOW LENS, TAPE & REEL

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

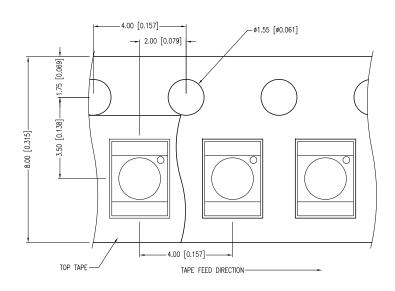
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	SCALE:	NTS	APRVD BY:	DT
	UNIT:	mm [INCH]	Pb)	





TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



NOTES:

- 1. CATHODE MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.
- 2. 1500 PIECES PER REEL.



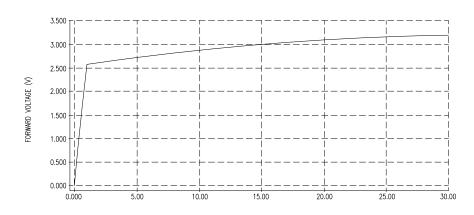
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FORWARD CURRENT VS. FORWARD VOLTAGE



FORWARD CURRENT (mA)

425 N. GARY AVE.

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