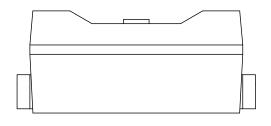
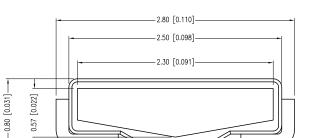
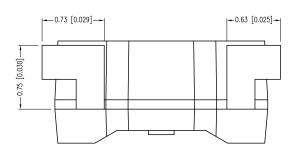
SML-LXR2808GC-TR

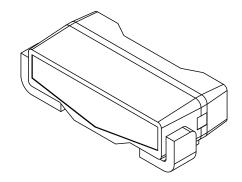
REV.

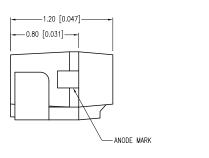


CATHODE ○───── ANODE

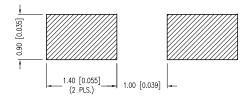








RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL	CHARACTERISTICS Ta=25°C	If=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		20		mcd	If=20mA
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	GREEN				
LENS FINISH:	WATER CLEAR				

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	140	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	62.5	mW
DERATE FROM 25°C	-1.2	mW/*C
OPERATING TEMP.	-40 TO +85	•C
STORAGE TEMP.	-40 TO +85	*C

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



290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP 2.8 x 0.8 SMD RIGHT ANGLE LED, 565nm GREEN, WATER CLEAR LENS, TAPE & REEL.

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

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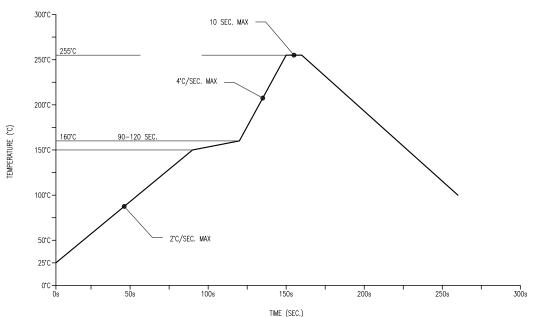
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	SCALE:	NTS	APRVD BY:	KF	
	UNIT: mm [INCH]		®		

PART NUMBER

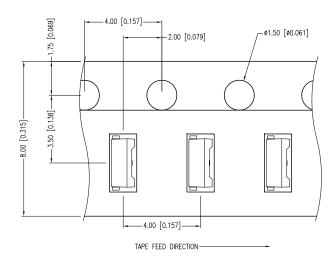
SML-LXR2808GC-TR

REV.





TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



NOTES:

- 1. 2,000 PCS/REEL
- 2. 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.= +0.00 (±0.002), X.XX=±0.127 (±0.005).

UNCONTROLLED DOCUMENT

PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM

2.8 x 0.8 SMD RIGHT ANGLE LED, 565nm GREEN, WATER CLEAR LENS, TAPE & REEL. **THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.**

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