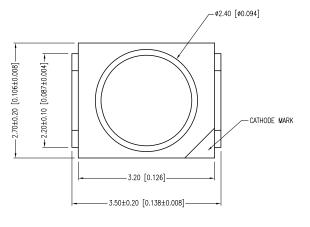
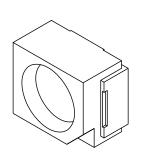
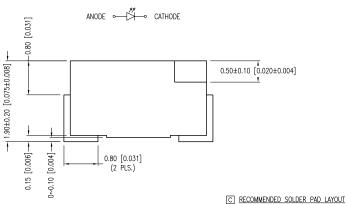
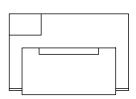
REV.









ELECTRO-OPTICAL	CHARACTERISTICS Ta=25°C	If=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		555		nm	
FORWARD VOLTAGE	1.8	2.1	2.3	Vf	
REVERSE VOLTAGE	5.0			Vr	lr=10μA
AXIAL INTENSITY	10	30	45	mcd	If=20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	GREEN				
LENS FINISH:	WATER CLEAR				

IMITS OF SAFE OPERATION AT 25 C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	80	mA
STEADY CURRENT	40	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/*C
PERATING TEMP.	-40 TO +85	*C
STORAGE TEMP.	-40 TO +85	•C
SOLDERING TEMP.	+260	•C
.0mm FROM BODY	3	SEC.
L<10C		

CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 3 STANDARDS

2.60 [0.102]		
-	1.50 [0.059]	9] -

\*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=  $^{+0.00}_{-0.00}$  MAX.=  $^{+0.00}_{-0.00}$ 

2.7mm X 3.2mm SML /W REFLECTOR, 555nm 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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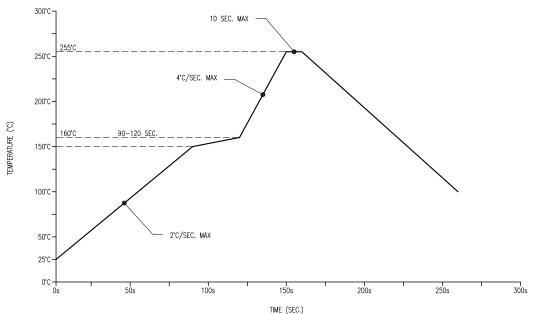
290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP

PART NUMBER

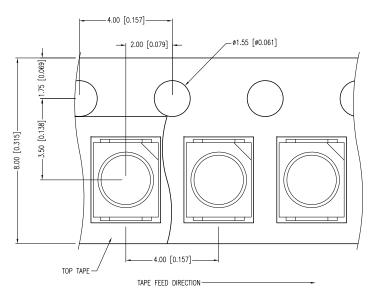
SML-LX2832PGC/A-TR

REV.





TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



## NOTES:

1. THE POLARITY MARK 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=  $^{+0.00}_{-0.00}$  MAX.=  $^{+0.00}_{-0.00}$ UNCONTROLLED DOCUMENT



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 2.7mm X 3.2mm SML /W REFLECTOR, 555nm LED, WATER CLEAR LENS, 2,000 PCS PER TAPE & REEL.

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