PART NUMBER

8

RELATIVE LUMINOUS INTESITY

SML-LXL3535UVC-TR

MIN

380

ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C

SYMBOL

PARAMETER

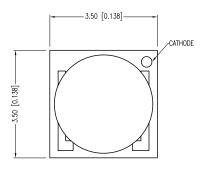
REV.

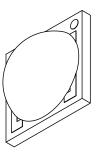
TEST COND

 $I_f = 350 \text{mA}$

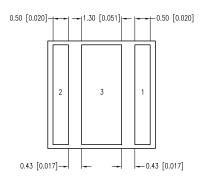
UNITS

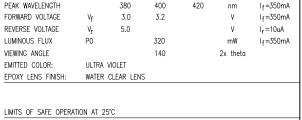
nm





0.047]	
^{+1.20} [0.047]	R1.60 [0.063]
<u> </u>	
0.38 [0.015]-	





 $I_f = 350 \text{mA}$

MAX

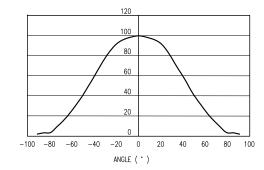
420

TYP

400

LIMITS OF SAFE OPERATION AT 25 C				
PARAMETER	MAX	UNITS		
PEAK FORWARD CURRENT	700	mA		
STEADY CURRENT	350	mA		
POWER DISSIPATION	1000	mW		
OPERATING TEMP.	-40 TO +135°C	*C		
STORAGE TEMP.	-40 TO +135°C	•C		

CAUTION: STATIC SENSITIVE DEVICE FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART.



TYPICAL SPATIAL DISTRIBUTION

PAD	FUNCTION
1	CATHODE
2	ANODE
3	THERMAL

*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.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XX=±0.5 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003), MIN= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}$ UNCONTROLLED DOCUMENT



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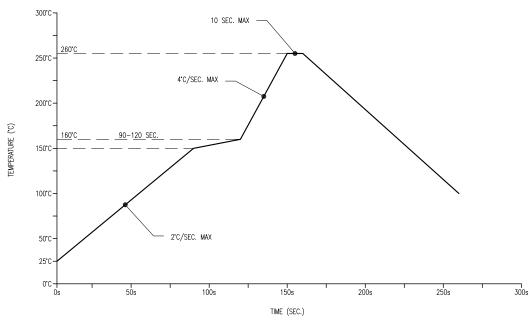
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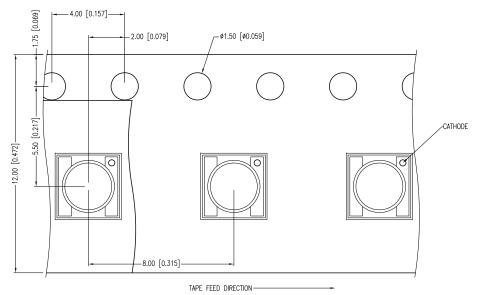
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	UNIT: mm [INCH]	Pb)	

REV.

LEAD FREE REFLOW PROFILE



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



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