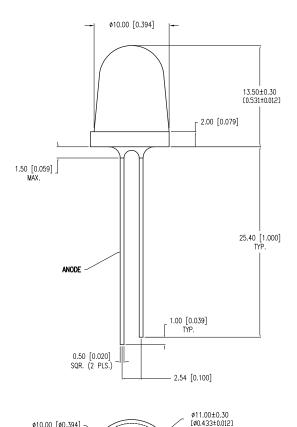
REV.



 $\Box$  +  $\Box$ 

10.50 [0.413] REF.

ELECTRO-OPTICAL	CHARACTERISTICS	$T_{A} = 25^{\circ}C$	$I_f = 2$
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ELECTRO-OPTICAL CHARACTERISTICS TA =25°C			$I_f = 20 \text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		595 (YELLOW)		nm	
FORWARD VOLTAGE		2.1	2.8	V f	$I_f = 20mA$
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>r</sub> = 100µA
AXIAL INTENSITY	1600	2500		lm	$l_f = 20 \text{mA}$
VIEWING ANGLE		6		2x theta	
EMITTED COLOR:	SUPER YELLOW				
EPOXY LENS FINISH:	WATER CL	EAR			

## LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	- 1.2	mW/⁺C
OPERATING, STORAGE TEMP.	-40 TO +85	*C
SOLDERING TEMP.	+ 260	•c
2.0mm FROM BODY	3	SEC. MAX
* 1 -40 0		

\* t<10µS

	*UNLES	S OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PREC	CISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.0	20), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005).	LEAD SIZE= $\pm0.05$ ( $\pm0.002$ ), LEAD LENGTH= $\pm0.75$ (	$(\pm 0.030)$ . MIN= $^{+}$ DECIMAL PRECISION $^{-}$ 0.00	MAX.= +0.00 -DECIMAL PRECIS	IION UNCONTROLLE	D DOCUMENT
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ø10.00 [ø0.394] ~

T-10mm (T-3 1/8) LED, SUPER BRIGHT YELLOW, WATER CLEAR LENS. \*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

CONFIDENTIAL INFORMATION

CONTINENT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OF IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

ISION OF TO BE DECEMBER 1					
	DATE:	07.09.98	DRAWN BY:	ВС	
	PAGE:	1 OF 1	CHKD BY:	-	
	SCALE:	N/A	APRVD BY:	-	
	UNIT: mm [INCH]		(Pb)		