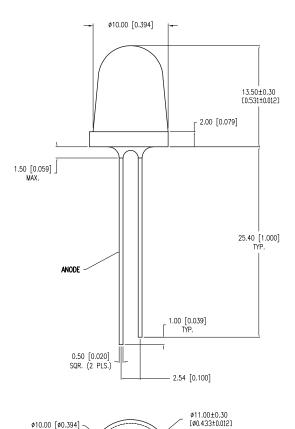
REV.



- + -

10.50 [0.413] REF.

ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C			$I_f = 20 \text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		620 (ORANGE)		nm	
FORWARD VOLTAGE		2.1	2.8	V f	$I_f = 20mA$
REVERSE VOLTAGE	5.0			٧r	I <sub>r</sub> = 100 µA
AXIAL INTENSITY	2500	4500		lm	$I_f = 20mA$
VIEWING ANGLE		8		2x theta	
EMITTED COLOR:	ORANGE				

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

EPOXY LENS FINISH: WATER CLEAR

PARAMETER	MAX	UNITS	
PEAK FORWARD CURRENT*	160	mA	
STEADY CURRENT	50	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	

DRAWN BY:

CHKD BY:

APRVD BY:

(Pb)

UNIT: mm [INCH]

ВС

\* t<10µS

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE:  $X=\pm 1$  ( $\pm 0.039$ ),  $X.X=\pm 0.5$  ( $\pm 0.020$ ),  $X.XX=\pm 0.25$  ( $\pm 0.010$ ),  $X.XXX=\pm 0.127$  ( $\pm 0.005$ ). LEAD SIZE= $\pm 0.05$  ( $\pm 0.002$ ), LEAD LENGTH= $\pm 0.75$  ( $\pm 0.030$ ). MIN= $\pm 0.00$  MAX.=  $\pm 0.00$  PRECISION UNCONTROLLED DOCUMENT



UNCONTROLLED DOCUMENT

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T-10mm (T-3 1/8) LED, SUPER BRIGHT ORANGE, WATER CLEAR LENS.	DATE:	07.09.98	
**THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.**	PAGE:	1 OF 1	
CONFIDENTIAL INFORMATION	SCALE:	N/A	

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