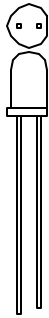
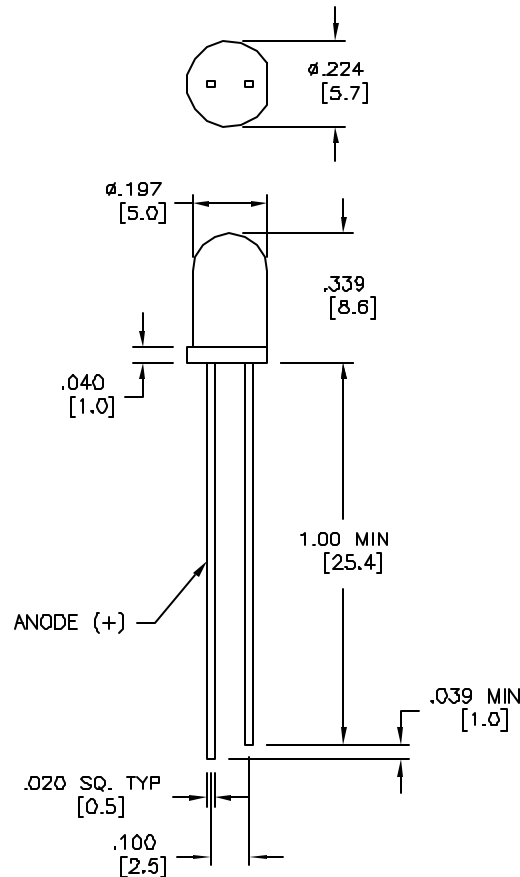


Actual Size



LTR	REVISION	DATE	APPD
-	RELEASED	06-25-96	
A	WARNING NOTE ADDED	10-31-01	RM



WARNING: DO NOT LOOK AT LED DIRECTLY WHEN POWER IS ON, USE IR CAMERA TO VIEW LED

#### NOTES:

1. ALL DIMS ARE IN INCHES (MILLIMETERS).
2. TOLERANCE IS  $\pm 0.010"$  ( $\pm 0.25\text{mm}$ ) UNLESS OTHERWISE SPECIFIED.
3. LEAD SPACING IS MEASURED WHERE LEADS EMERGE FROM THE PACKAGE.
4. LEADS TO BE SOLDERABLE AND CAPABLE OF MEETING THE SOLDERABILITY REQUIREMENTS OF MIL-STD-202, METHOD 208.
5. MANUFACTURE DATE SHALL NOT BE OLDER THAN 26 WEEKS (6 MONTHS).

LEDTRONICS PART NO.	L.E.D. RADIATION COLOR	L.E.D. APPEARANCE	ABSOLUTE MAXIMUM RATINGS ( $T_a=25^\circ\text{C}$ )					ELECTRO-OPTICAL CHARACTERISTICS ( $T_a=25^\circ\text{C}$ )				Ifp=20mA PW=10 $\mu$ S DC=10%		VIEW ANGLE 2 $\theta_{1/2}$	$\Delta\lambda$ nm	$\lambda_P$ nm
			Pd mW	Ifp A	If mA	Vr V	Topr ( $^\circ\text{C}$ )	If mA	Vf=V typ/max	Ir $\mu$ A	Radiant Power @50mA typ	Tr (ns)	Tf (ns)			
L200CWIR881	IR	CLEAR WATER	150	1.0	50	5	-45 TO +100	20	1.7/2.0	100	11	500	200	40	50	880

Tstg:  $-45^\circ\text{C}$  TO  $+100^\circ\text{C}$

Radiant Power Unit: ( $\text{mw}/\text{cm}^2$ )

**LED**<sup>®</sup>  
**LEDTRONICS, INC.**  
23105 KASHIWA COURT  
TORRANCE, CA 90505

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XXX  $\pm .010$  TOLERANCE PER ANSI-Y14.5  
XX  $\pm .025$  (UNLESS OTHERWISE STATED)  
ANGLES  $\pm 0^\circ, 30'$   
FRACT.  $\pm 1/32$

TITLE L200CWIR881						
DWG NO DSDC0032		SCALE 1:1	SHEET 1 OF 1		DATE 06-25-96	
CODE IDENT NO. 8Z410	DWG BY SMA	CHK BY PL 10-31-01	QA	MNFG	CUSTOMER	