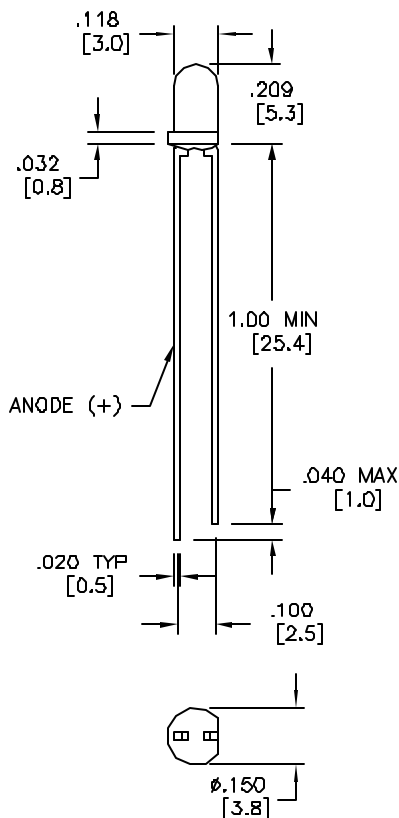


Actual Size



LTR	REVISION	DATE	APPD
-	RELEASED	08-02-96	
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=10µS DC=10%		VIEW ANGLE 2θ1/2	Δλ nm	λP nm
			Pd mW	Ifp A	If mA	Vr V	Topr (°C)		If mA	Vf=V typ/max	Ir µA	Radiant Power mW/typ	Tr (ns)	Tf (ns)			
L200CWIR881	IR	WATER CLEAR	150	1.0	50	5	-45 TO +100		100	1.7/2.0	100	10/15	500	200	18	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°.30°  
FRACT.  $\pm$  1/32

TITLE L120CWIR881							
DWG NO DSDC0037		SCALE 2:1		SHEET 1 OF 1		DATE 08-02-96	
CODE IDENT NO. 8Z410	DWG BY SMA	CHK BY PL	QA 10-31-01	MFG		CUSTOMER	