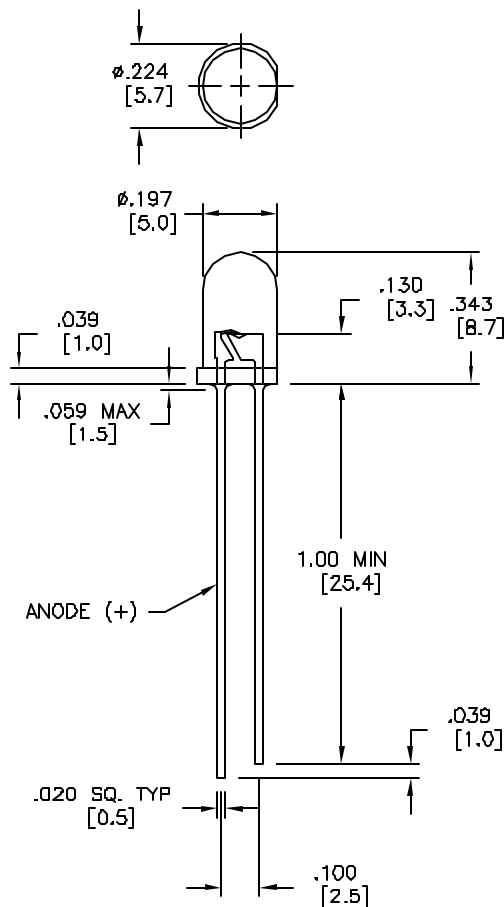


LTR	REVISION	DATE	APPD
1	PRELIMINARY RELEASE	04-23-98	
-	RELEASE	06-14-00	



**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 (Ta=25°C)					ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)					Ifp=20mA PW=10µS DC=10%		VIEW ANGLE 2Θ1/2	Δλ nm	λP nm
			Pd mW	Ifp A	If mA	Vf V	Topr (°C)	If mA	Vf=V typ/max	Ir µA	Radiant Power mW/typ	Tr (ns)	Tf (ns)				
L20DCWR851	IR	CLEAR WATER	150	1.0	50	5	-45 TO +100	100	1.7/2.0	100	14/25	500	200	20	50	850	

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

**LED<sup>TM</sup>**  
**LEDTRONICS, INC.**  
4009 PACIFIC COAST HWY  
TORRANCE, CA 90505

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.00X  $\pm$  .010 TOLERANCE PER ANSI-Y14.5  
.00X  $\pm$  .025 (UNLESS OTHERWISE STATED)  
ANGLES  $\pm$  0°.30"  
FRACT.  $\pm$  1/32

TITLE							L200CWIR851		
DWG NO			SCALE		SHEET		DATE		
DSDC0185			1:1		1 OF 1		04-23-98		
CODE IDENT NO.		DWG BY	CHK BY	QA	MNFG	CUSTOMER			
8Z410		SMA	PL 6-15-00			GENERIC			