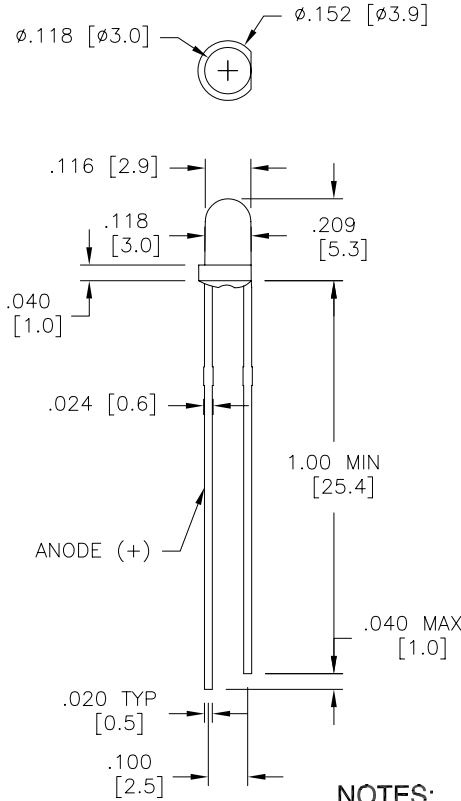


LTR	REVISION	DATE	APPD
-	RELEASED	03-04-05	

Actual Size



**ABSOLUTE MAXIMUM RATINGS (Ta=25°C)**

CHARACTERISTIC	SYMBOL	RATING	UNIT
POWER DISSIPATION	Pd	100	mW
CONT. FORWARD CURRENT	If	35	mA
PEAK FORWARD CURRENT*	Ifp	100	mA
DERATING LINEAR FROM 50°C	-	0.4	mA/°C
REVERSE VOLTAGE	Vr	5	V
OPERATING TEMPERATURE	Topr	-40°C~80°C	C°
STORAGE TEMPERATURE	Tstg	-40°C~80°C	C°
SOLDERING TEMPERATURE	Tsol	260°C (FOR 5 SEC.)	-

\*CONDITION FOR Ifp IS 1/10 DUTY CYCLE, 0.1msec PULSE WIDTH

**ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)**

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
LUMINOUS INTENSITY	Iv	If=20mA	-	1800	-	mcd
FORWARD VOLTAGE	Vf	If=20mA	-	2.2	2.8	V
REVERSE CURRENT	Ir	Vr=5V	-	-	100	µA
PEAK WAVELENGTH	λp	If=20mA	-	593	-	nm
DOMINATE WAVELENGTH	λD	If=20mA	-	590	-	nm
CHROMATICITY COORDINATES	X	If=20mA	-	0.58	-	-
	Y	If=20mA	-	0.42	-	-
SPECTRAL LINE HALF-WIDTH	Δλ	If=20mA	-	18	-	nm
VIEWING ANGLE	2θ1/2	If=20mA	-	30	-	deg

**NOTES:**

1. ALL DIMS ARE IN INCHES [MILLIMETERS].
2. TOLERANCE IS ±.010" (±0.25mm) UNLESS OTHERWISE SPECIFIED.
3. LEAD SPACING IS MEASURED WHERE LEADS EMERGE FROM THE PACKAGE.
4. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
5. LEADS TO BE SOLDERABLE AND CAPABLE OF MEETING THE SOLDERABILITY REQUIREMENTS OF MIL-STD-202, METHOD 208.
6. MANUFACTURE DATE SHALL NOT BE OLDER THAN 26 WEEKS (6 MONTHS).

RADIANT INTENSITY µW/sr (typ)
3700

PURITY (%) typ
100

L.E.D. RADIATION COLOR	LENS APPEARANCE
SUPER YELLOW	WATER CLEAR



**-PROPRIETARY-**  
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.XXX ± .010 TOLERANCE PER ANSI-Y14.5  
.XX ± .025 (UNLESS OTHERWISE STATED)  
ANGLES ± 0°,30'  
FRACT. ± 1/32

TITLE <b>L120CWY3KH-30D</b>			
DWG NO DSDC0344	SCALE 2:1	SHEET 1 OF 1	DATE 03-04-05
CODE IDENT NO. 8Z410	DWG BY RM	CHK BY PL	QA JCH
		MFG 03-08-0503-08-05	CUSTOMER