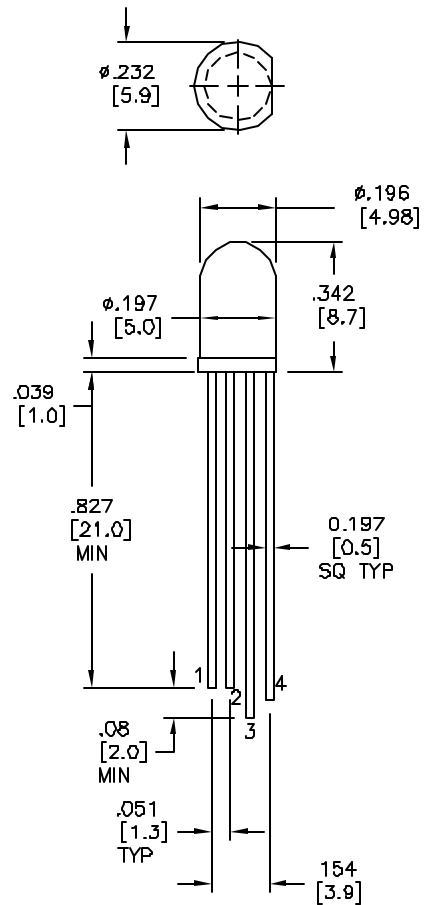
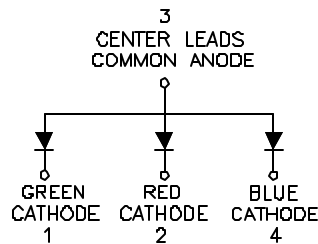


LTR	REVISION	DATE	APPD
-	RELEASED	10-22-04	
A	122104-RM01:RVSD PER LATEST SPEC	12-22-04	
B	Q30205-RM01: USED LIVE TEST DATA	03-02-05	

COLOR	RADIANT INTENSITY $\mu\text{W}/\text{sr}$ (typ)
RED	5294
GREEN	1967
BLUE	3333

COLOR	PURITY (%) typ
RED	100
GREEN	75
BLUE	96



ABSOLUTE MAXIMUM RATINGS

(Ta=25°C)

CHARACTERISTIC	SYMBOL	RED	GREEN	BLUE	UNIT
POWER DISSIPATION	Pd	100	120	120	mW
FORWARD CURRENT	If	30	30	30	mA
PEAK FORWARD CURRENT*	Ifp	150	150	150	mA
REVERSE VOLTAGE	Vr	5	5	5	V
OPERATING TEMPERATURE	Topr	-40 TO +80			°C
STORAGE TEMPERATURE	Tstg	-40 TO +85			°C
SOLDERING TEMPERATURE	Tsol	260°C (FOR 5 SEC.)			°C

*CONDITION FOR Ifp IS PULSE OF 1/10 DUTY & 0.1msec WIDTH

ELECTRO-OPTICAL CHARACTERISTICS

(Ta=25°C)

CHARACTERISTIC	SYMBOL	CONDITION	RED		GREEN		BLUE		UNIT
			TYP.	MAX.	TYP.	MAX.	TYP.	MAX.	
LUMINOUS INTENSITY	Iv	If=20mA	915	-	980	-	270	-	mcad
FORWARD VOLTAGE	Vf	If=20mA	2.2	2.6	3.5	4.0	3.5	4.0	V
REVERSE CURRENT	Ir	Vr=5V		100		100		100	μA
PEAK WAVELENGTH	λp	If=20mA	635	-	525	-	467	-	nm
DOM. WAVELENGTH	λd	If=20mA	625	-	530	-	472	-	nm
CHROMATICITY COORDINATES	X	If=20mA	0.70	-	0.20	-	0.13	-	-
	Y	If=20mA	0.30	-	0.69	-	0.08	-	-
SPECTRAL LINE HALF-WIDTH	Δλ	If=20mA	19	-	42	-	29	-	nm
VIEWING ANGLE	2θ1/2	If=20mA	60	-	60	-	60	-	Deg

NOTES:

- ALL DIMS ARE IN INCHES [MILLIMETERS].
- TOLERANCE IS $\pm 0.010"$ ($\pm 0.25\text{mm}$) UNLESS OTHERWISE SPECIFIED.
- LEAD SPACING IS MEASURED WHERE LEADS EMERGE FROM THE PACKAGE.
- SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
- LEADS TO BE SOLDERABLE AND CAPABLE OF MEETING THE SOLDERABILITY REQUIREMENTS OF MIL-STD-202, METHOD 208.
- MANUFACTURE DATE SHALL NOT BE OLDER THAN 26 WEEKS.
- THIS PRODUCT DOESN'T CONTAIN RESTRICTION SUBSTANCE, COMPLIANCE WITH ROHS STANDARD

L.E.D. RADIATION COLOR	LENS APPEARANCE
SUPER RED	WATER CLEAR
AQUA GREEN	
SUPER BLUE	

LED[®]
LEDTRONICS, INC.[™]
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TORRANCE, CA 90505

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

TITLE

L200CWRGB1K-4A-IL

DWG NO

DSDC0334

SCALE

1:1

SHEET

1 OF 2

DATE

10-22-04

CODE IDENT NO.
8Z410

DWG BY
RR

CHK BY
PL

QA JCH
03-09-0503-09-05

MNFG

CUSTOMER