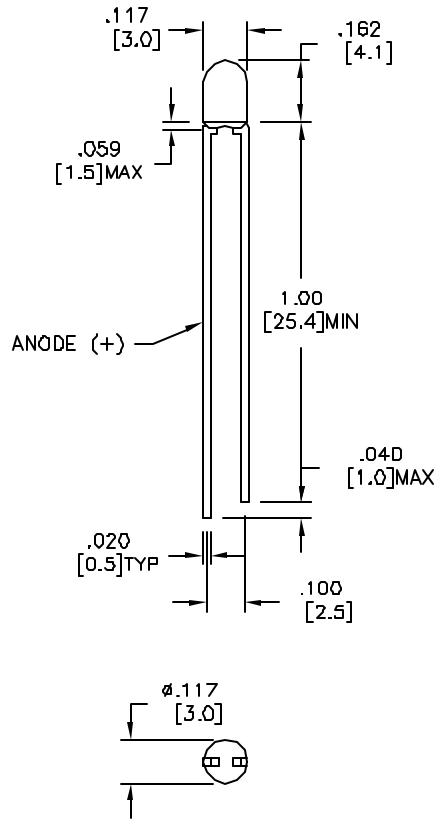


Actual Size



LTR	REVISION	DATE	APPD
-	RELEASED	03-21-01	
A	RVSD PER ECR 082201-RM01	08-22-01	RM
B	RVSD PER ECR 080503-JH01	06-06-03	RM
C	RVSD PER ECR 112503-PL01	11-25-03	RM
D	RVSD PER ECR 021604-PL01	02-16-04	RM

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 ($T_a=25^\circ\text{C}$)							
			Pd mW	Ifp mA	If mA	Vr V	Topr ($^\circ\text{C}$)	If mA	Iv med typ	Vf=V typ/max	VIEW ANGLE 2 θ /2	Ir max μA	$\Delta\lambda$ nm	λ_D nm	λ_{Peak} nm
LD120CWR5B	HI-EFF RED	WATER CLEAR	80	150	30	5	-40 TO +80	20	60	2.0/2.6	50	100	45		635
LD120CWR6B	ULTRA RED	WATER CLEAR	80	150	30	5	-40 TO +85	20	200	1.8/2.6	50	100	20	643	660
LD120CWY5B	YELLOW	WATER CLEAR	100	150	30	5	-40 TO +80	20	70	2.1/2.6	55	100	35		585
LD120CWG6	HI-EFF GREEN	WATER CLEAR	100	150	30	5	-40 TO +85	20	60	2.2/2.6	50	100	30		568
LD120CWP65B	PURE GREEN	WATER CLEAR	80	150	30	5	-40 TO +80	20	30	2.2/2.6	50	100	30		555
LD120CWO5B	ORANGE	WATER CLEAR	80	150	30	5	-40 TO +80	20	40	2.0/2.6	50	100	35		610
LD120CWB5	SUPER BLUE	WATER CLEAR	220	200	50	5	-40 TO +85	20	11	3.5/4.0	50	100	70		470
LD120CUB500-3.8VF	ULTRA BLUE	WATER CLEAR	100	150	30	5	-40 TO +85	20	100	3.8/4.5	45	100	65		428

Tstg: -40°C TO $+85^\circ\text{C}$

LEAD SOLDERING TEMP: [1.6mm (.063in) FROM BODY] 260°C FOR 5 SEC.

LEDTM
LEDTRONICS, INC.
23105 KASHIWA COURT
TORRANCE, CA 90505

PROPRIETARY.
This document contains Proprietary
Information of LEDTRONICS, INC.
It may not be copied, used or disclosed
for any purpose without the prior express
written consent of LEDTRONICS, INC.

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

TITLE

LD120CWX (3MM)

DWG NO

DSDC0255

SCALE

2:1

SHEET

1 OF 1

DATE

03-21-01

CODE
IDENT NO.
8Z410

DWG BY
RM

CHK BY
PL
02-16-04

QA

MFG

CUSTOMER