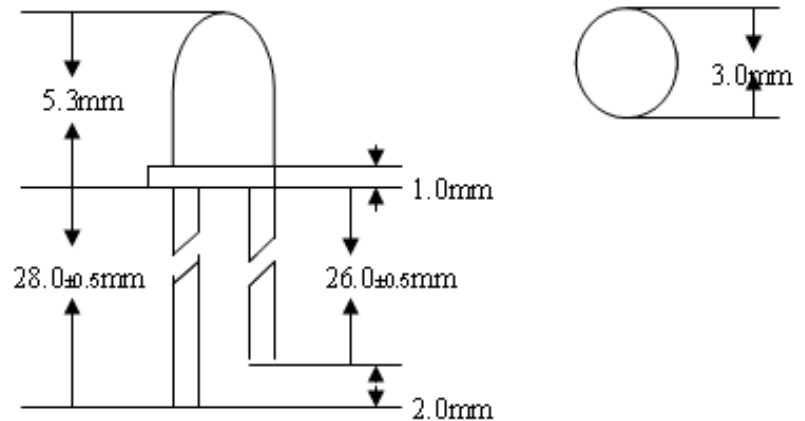


## ARL2-3014UWC-B

### Features:

1. Color: white
2. LENS: water clear
3. SHAPE:  $\varnothing$  3mm
4. POLE: LONG LEG +

### Package Dimensions (mm):



### ABSOLUTE MAXIMUM RATINGS (Ta=25°C):

Items	Symbol	Absolute Maximum Rating	Unit
Forward Current	$I_F$	30	mA
Peak Forward Current	$I_{FP}$	40	mA
Reverse Voltage	$V_R$		V
Power Dissipation	$P_D$	60	mW
Electrostatic Discharge	HBM		V
Operation Temperature	$T_{opr}$	-40~+80	°C
Storage Temperature	$T_{stg}$	-40~+100	°C
Lead Soldering Temperature	$T_{sol}$	260±5°C	

IFP Conditions: Pulse Width≤10msec duty≤1/10

### INITIAL ELECTRICAL & OPTICAL CHARACTERISTICS (Ta=25°C)

Items	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	$V_F$	$I_F=20mA$	3.5		5.0	V
Reverse Current	$I_R$	$V_R=5V$			10	μA
Kelvin Temperature	$T_c$	$I_F=20mA$	7000		7500	K
Luminous Intensity	$I_V$	$I_F=20mA$	1500		2000	mcd
Viewing Angle	$2\theta_{1/2}$	$I_F=20mA$	25		30	deg
Chromaticity Coordinates	X.Y	$I_F=20mA$	X:0.3065		Y:0.3164	
Spectral width at half height	$\Delta\lambda$	$I_F=20mA$		20		nm

### IC WORK PARAMETERS

Items	Symbol	Condition	Min.	Typ.	Max.	Unit
IC Work Voltage	$V_F$	20mA	3.5	4.0	5.0	V
IC Work Current	$I_F$	30mA	10	20	30	mA
IC Work Frequency	$F_{LED}$	20mA		1.5		Hz