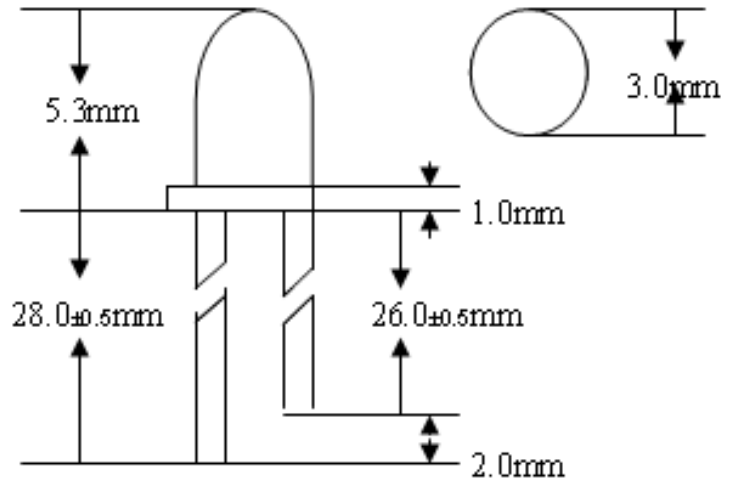


ARL2-3514UWW-B

Features:

1. Color: white
2. LENS: WHITE DIFFUSED
3. SHAPE: \varnothing 3mm ROUND WITH FLANGE
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	$I_F=20mA$	700		1200	mcd
Viewing Angle	$2\theta_{1/2}$	$I_F=20mA$	25		30	deg
Chromaticity Coordinates	X.Y	$I_F=20mA$	X:0.3004		Y:0.3102	
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