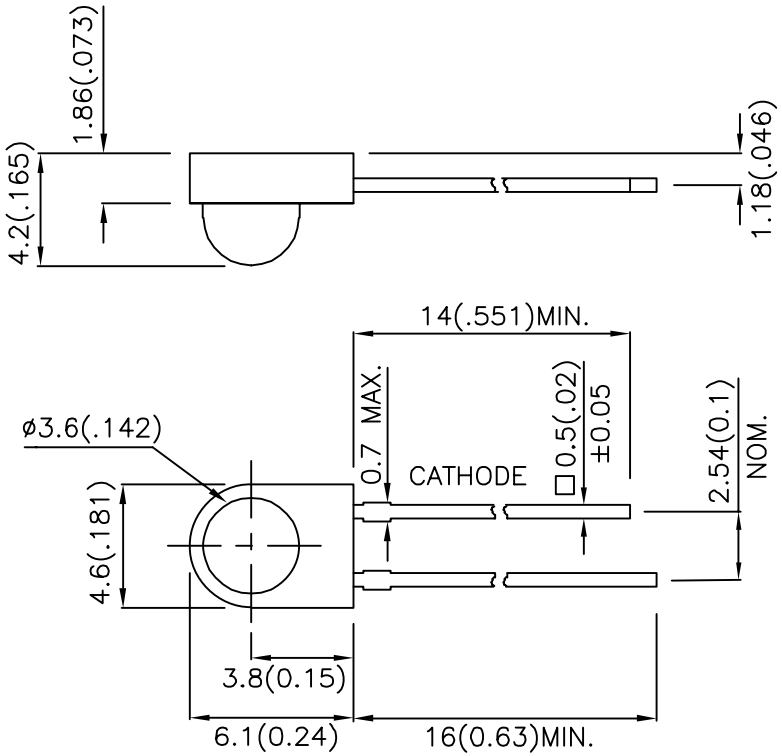
Features

- MECHANICALLY AND SPECTRALLY MATCHED TO THE SERIES INFRARED EMITTING LED LAMP.
- BLUE TRANSPARENT LENS.
- RoHS COMPLIANT.

Description

Made with PIN silicon photodiode chips.

Package



LED-RBL-61-LF
LEADFREE

RoHS Compliant

Notes:
1.All dimensions are in millimeters (inches).
2. Tolerance is ±0.25(0.01") unless otherwise noted.
3.Lead spacing is measured where the leads emerge from the package.
4.Specifications are subject to change without notice.

MORETHANALL CONNECTORS ASSEMBLIES	PART NO. LED-RBL-61			TOLERANCES ARE	DESCRIP TION:			
	DWG NO. LED-RBL-61	CHECKED BY CY		.X ± 0.2				
煜倫股份有限公司	FILE NO.	DRAWING BY		.XX ± 0.1				
	UNIT / mm	SCALE 1 : 1	PROJECTION	.XXX ± AWG	AREA	REVISIONS	HK	DATE

Electrical / Optical Characteristics at T_A=25°C

Symbol	Parameter	Min.	Typ.	Max.	Units	Test Conditions
$V_{(BR)R}$	Reverse Break down Voltage	33	170	-	V	I_R=100uA H=0mW/cm^2
$I_{D(R)}$	Reverse Dark Current	-	-	30	nA	V_R=10V H=0mW/cm^2
V_{OC}	Open Circuit Voltage	-	390	-	mV	λ=940nm H=5mW/cm^2
T_R	Rise Time	-	45	-	nS	V_R = 10V λ=940nm R_L=1KΩ
T_F	Fall Time	-	45	-	nS	
I_S	Light current	0.4	3	-	uA	V_R = 5V λ=940nm H=0.08mW/cm^2
C_T	Total Capacitance	-	18	-	PF	V_R= 10V F=1MHZ H=0mW/cm^2
λSMAX	Wavelength Of The Max Sensitivity	-	940	-	nm	

Absolute Maximum Ratings at T_A=25°C

Parameter	Maximum Rating	Unit
Power Dissipation	100	mW
Operating Temperature Range	-40°C ~ +85°C	
Storage Temperature Range	-40°C ~ +85°C	
Lead Solder Temperature [1]	260°C For 3 Seconds	
Lead Solder Temperature [2]	260°C For 5 Seconds	

Notes:
1. 2mm below package base.
2. 5mm below package base.