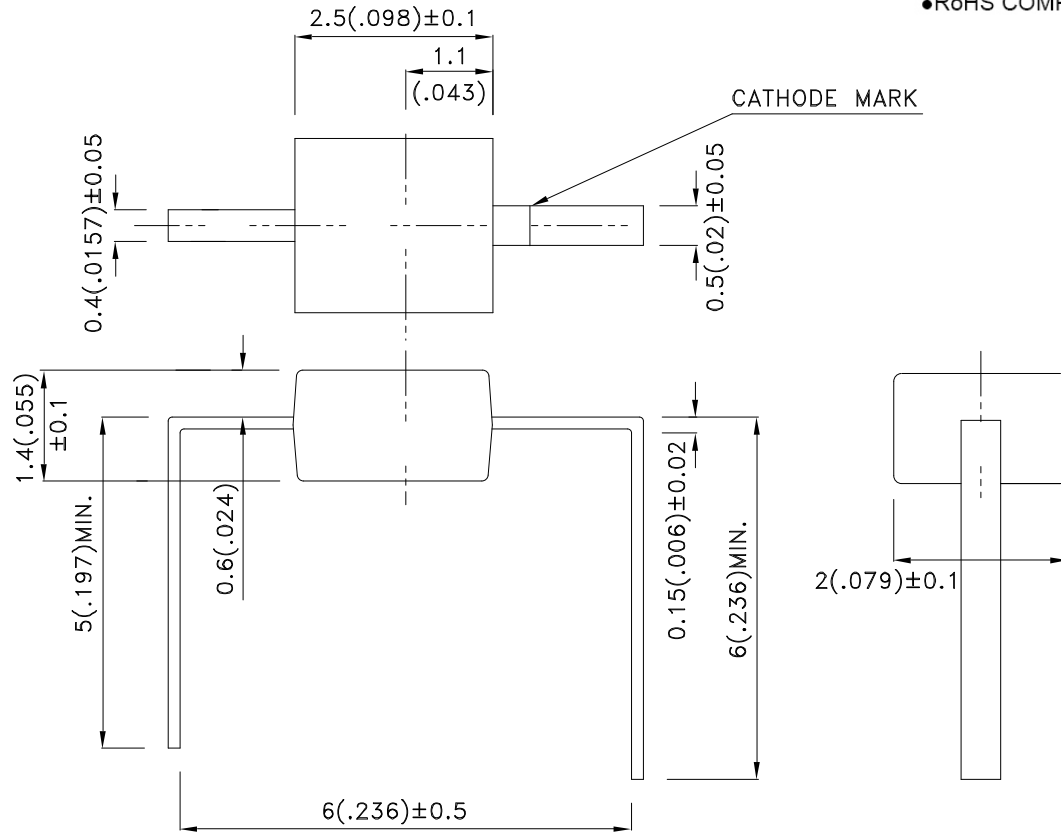


Package Dimensions



Features

- MECHANICALLY AND SPECTRALLY MATCHED TO THE INFRARED EMITTING LED LAMP.
- BLUE TRANSPARENT LENS.
- MOISTURE SENSITIVITY LEVEL : LEVEL 3.
- RoHS COMPLIANT.

Description

Made with PIN silicon photodiode chips.

LED-DBL-14-LF
LEADFREE
RoHS Compliant

Notes:

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



PART NO. LED-DBL-14

DWG NO. LED-DBL-14

CHECKED BY CY

TOLERANCES ARE

DESCRIP TION:

FILE NO.

DRAWING BY

.X \pm 0.2
.XX \pm 0.1
.XXX \pm
AWG

AREA

REVISIONS

HK

DATE

煜倫股份有限公司

UNIT / mm

SCALE 1:1

PROJECTION



Electrical / Optical Characteristics at TA=25°C

Symbol	Parameter	Min.	Typ.	Max.	Units	Test Conditions
V(BR)R	Reverse Break down Voltage	33	170	-	V	IR=100uA H=0mW/cm ²
ID(R)	Reverse Dark Current	-	-	10	nA	VR=10V H=0mW/cm ²
VOC	Open Circuit Voltage	-	390	-	mV	λ=940nm H=5mW/cm ²
TR	Rise Time	-	6	-	nS	VR = 10V λ=940nm RL=1KΩ
TF	Fall Time	-	6	-	nS	
IS	Light current	2.6	5	-	uA	VR = 5V λ=940nm Ee=0.08mW/cm ²
CT	Total Capacitance	-	5	-	PF	VR= 10V F=1MHZ H=0mW/cm ²
λ.SMAX	Wavelength Of The Max Sensitivity	-	940	-	nm	

Absolute Maximum Ratings at TA=25°C

Parameter	Maximum Rating	Unit
Power Dissipation	150	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.