

VISIBLE LED

1.ELEMENT APPEARANCE 防靜電產品流程中請使用防靜電配備

Model No.	Material	Lighting Color	Resin Color
RT5-2423HR-20-T	AlGaInP	Red	Water Clear

2.ELECTRO-OPTICAL CHARACTERISTICS AT Ta=25°C

Characteristic	Symbol	Condition	Min.	Typ.	Max.	Unit
Luminous intensity	Iv	IF=100mA		18000		mcd
Forward voltage	VF	IF=100mA		2.3	2.7	V
Reverse current	IR	VR=10V			5	μA
Dominant wavelength	λd	IF=100mA	615		623	nm
Spectral line half width	Δλ	IF=100mA		20		nm
Viewing angle	2θ 1/2	IF=100mA		40		deg.

※亮度誤差值±15%、VF 誤差值±0.05V、波長誤差值±0.5nm

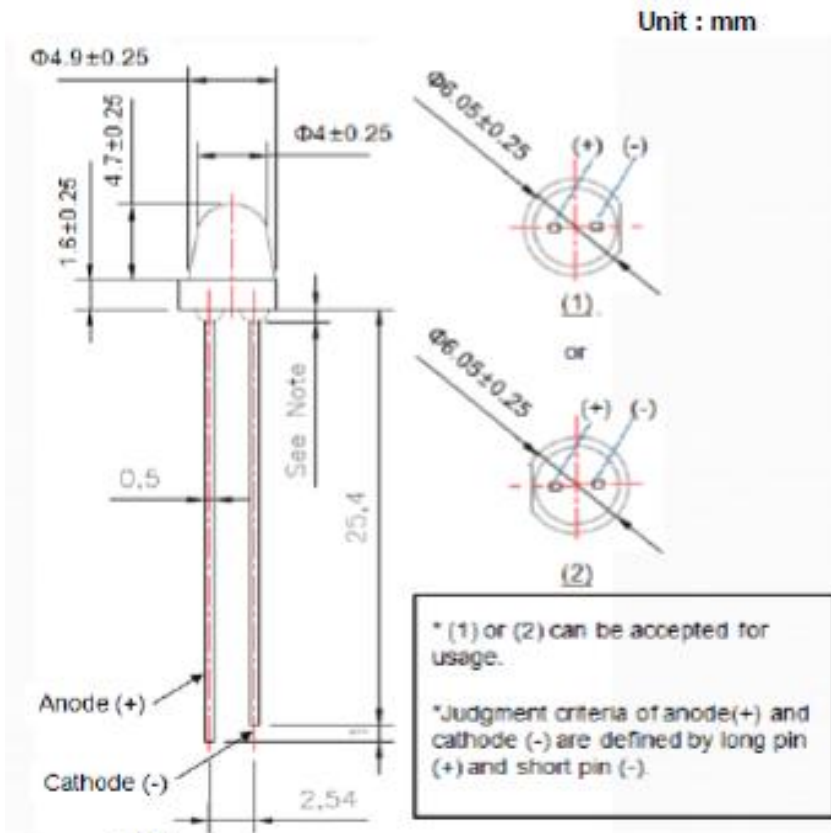
3.DIMENSIONS UNIT :m/m

Tolerance is ±0.25mm unless otherwise specified.

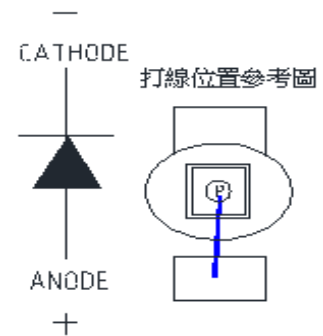
1.CATHODE
2.ANODE



Package Dimensions



- Notes :
1. Tolerance is ± 0.25 mm (.010") unless otherwise noted.
 2. Protruded resin under flange 0.8 mm (.031") max.
 3. Lead spacing is measured where the leads emerge from the package.



Chromaticity Bin Codes		
Category code		
2	B	B

Luminous Intensity @ $I_f=100$ mA UNIT:mcd		
Bin code	MIN	MAX
1	12000	18000
2	18000	28000

Tolerance $\pm 15\%$

Wavelength @ $I_f=100$ mA UNIT:nm		
Bin code	TUOL	
	MIN	MAX
A	615	619
B	619	623

Tolerance ± 1 nm

Forward Voltage @ $I_f=100$ mA UNIT:V		
Bin code	MIN	MAX
A	1.9	2.1
B	2.1	2.3
C	2.3	2.5

Tolerance $\pm 0.05V$