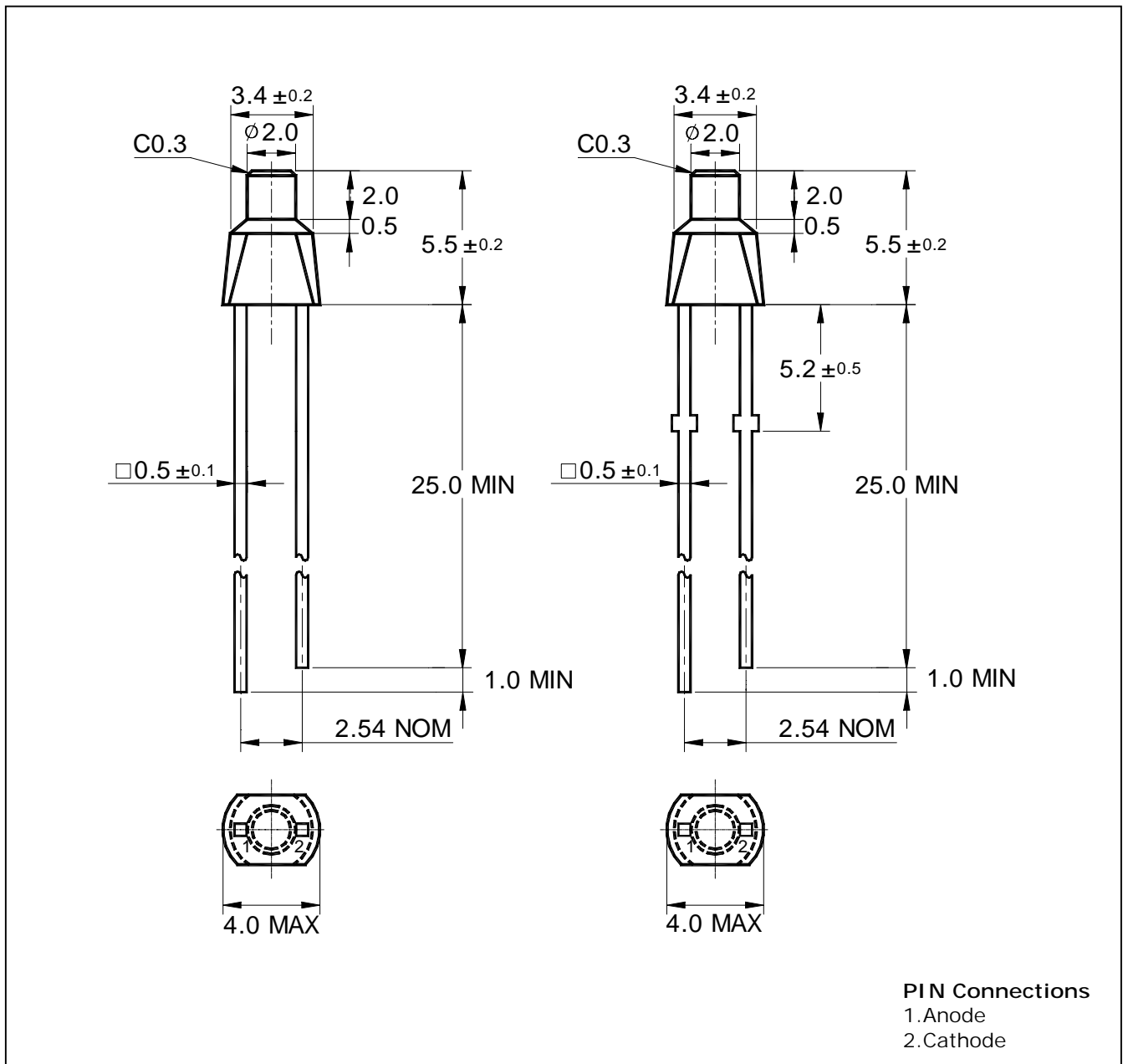


**Features**

- Green colored diffusion lens type
- $\phi 2\text{mm}$  convex all resin mold type
- High reliability and long term stability

**Outline Dimensions**

unit : mm



**Absolute maximum ratings**

Characteristic	Symbol	Ratings	Unit
Power Dissipation	$P_D$	70	mW
Forward Current	$I_F$	25	mA
Peak Forward Current	$I_{FP}$	50	mA
Reverse Voltage	$V_R$	4	V
Operating Temperature	$T_{opr}$	-25 85	
Storage Temperature	$T_{stg}$	-30 100	
Soldering Temperature	$T_{sol}$	260 for 3 seconds	

**Electrical Characteristics**

Characteristic	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Forward Voltage	$V_F$	$I_F = 20\text{mA}$	-	2.1	2.8	V
Luminous Intensity	$I_V$	$I_F = 20\text{mA}$	-	5	-	mcd
Peak Wavelength	$\lambda_P$	$I_F = 20\text{mA}$		570		nm
Spectrum Bandwidth		$I_F = 20\text{mA}$		30		nm
Reverse Current	$I_R$	$V_R = 4\text{V}$			10	$\mu\text{A}$

Characteristic Diagrams

Fi.1  $I_F - V_F$

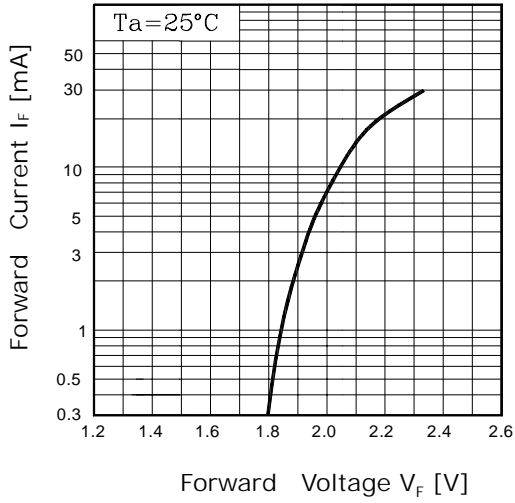


Fig. 2  $I_V - I_F$

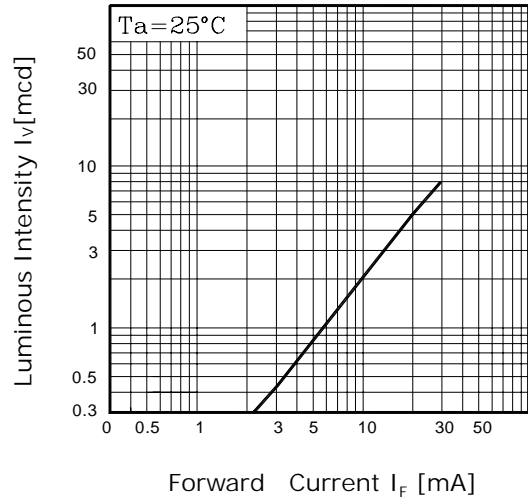


Fig. 3  $I_F - T_a$

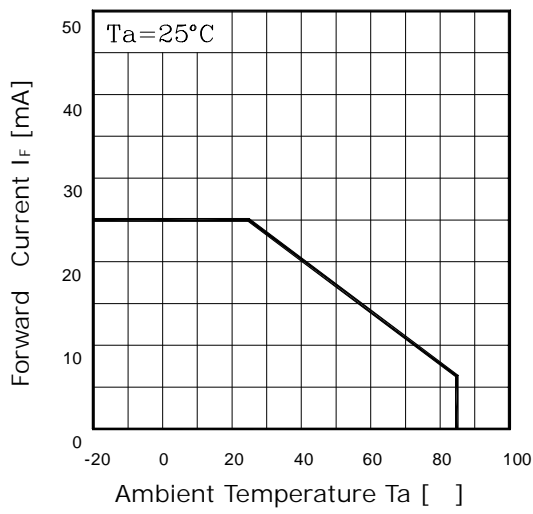


Fig.4 Spectrum Distribution

