

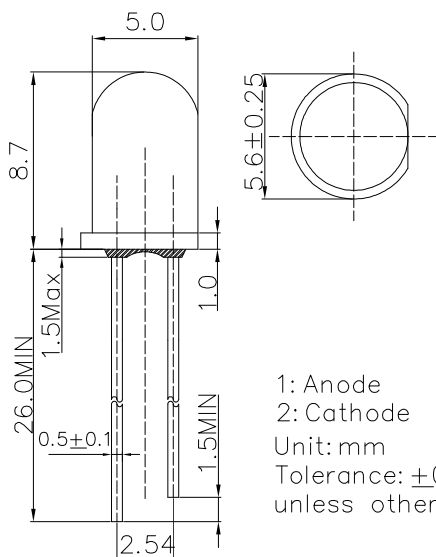
■ Features

- Normal Bright LEDs
- 5mm Standard Directivity
- UV Resistant Epoxy
- Color Diffused Type
- Ammo Pack

■ Applications

- Toys
- Games
- Audio
- Christmas Light
- Indications

■ Outline Dimension



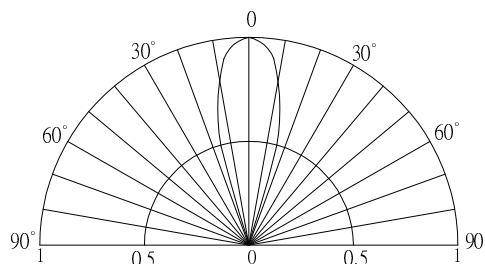
■ Absolute Maximum Rating

($T_a=25^\circ\text{C}$)

Item	Symbol	Value	Unit
		NG/NY/NR	
DC Forward Current	I_F	30	mA
Pulse Forward Current#	I_{FP}	100	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	72	mW
Operating Temperature	T_{opr}	$-30 \sim +85$	$^\circ\text{C}$
Storage Temperature	T_{stg}	$-40 \sim +100$	$^\circ\text{C}$
Lead Soldering Temperature	T_{sol}	$260^\circ\text{C}/5\text{sec}$	-

#Pulse width Max.10ms Duty ratio max 1/10

■ Directivity



■ Electrical -Optical Characteristics

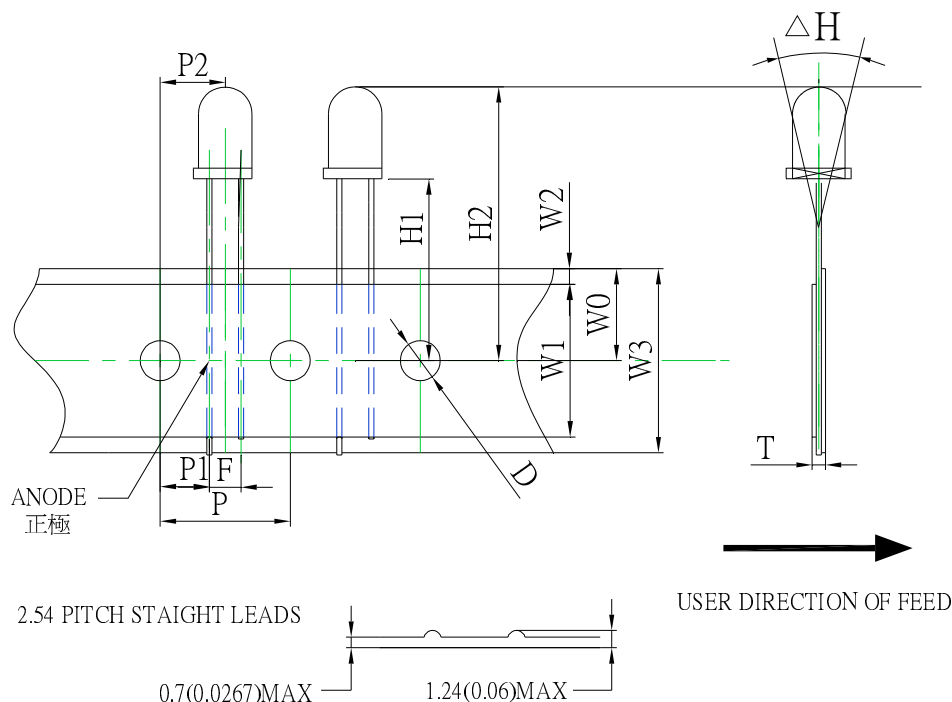
($T_a=25^\circ\text{C}$)

Part Number	Color			V_F (V)			I_R (μA)	I_v (mcd)			λ_D (nm)			$\theta_{1/2}$ (deg)
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				$I_F=20\text{mA}$			$V_R=5\text{V}$	$I_F=20\text{mA}$			$I_F=20\text{mA}$			
OSNG5134A-T	Yellow Green	NG		1.8	2.0	2.4	10	10	15	-	565	570	575	30
OSNY5134A-T	Yellow	NY		1.8	2.0	2.4	10	15	20	-	585	590	595	30
OSNR5134A-T	Red	NR		1.8	2.0	2.4	10	10	15	-	630	640	650	30

*1 Tolerance of measurements of dominant wavelength is $\pm 1\text{nm}$

*2 Tolerance of measurements of luminous intensity is $\pm 15\%$

*3 Tolerance of measurements of forward voltage is $\pm 0.1\text{V}$



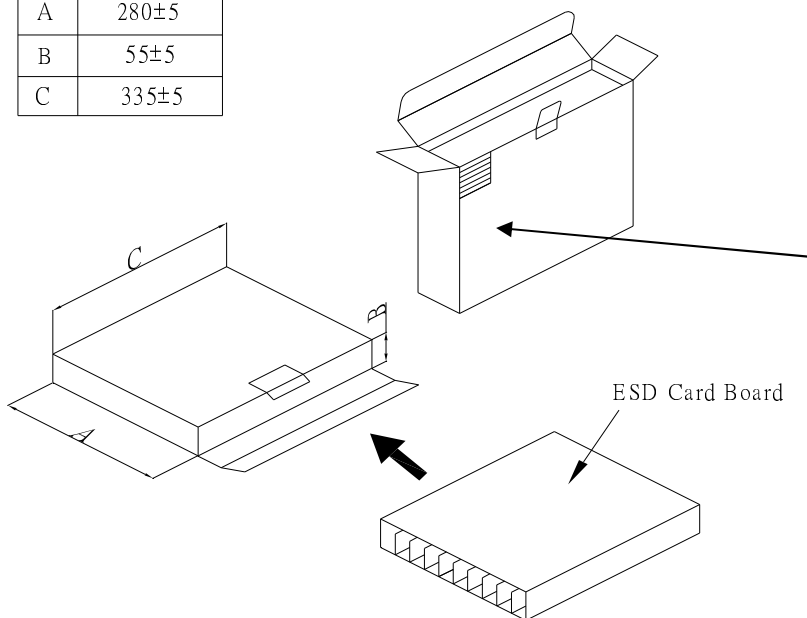
Taping Outline Dimensions

ITEM	SYMBOL	SPECIFICATION			
		Millimeter		Inch	
		Size	Tolerance	Size	Tolerance
Tape Feed Hole Diameter	D	4.0	±0.2	0.157	±0.001
Component Lead Pitch	F	2.54	±0.3	0.197	±0.020
Front To Rear Deflection	Δ H	-	MAX2.0	-	MAX0.079
Feed Hole To Bottom Of Component	H1	21.5	±0.5	0.925	±0.020
Feed Hole To Overall Component Height	H2	30.2	±0.5	1.189	±0.020
Feed Hole Pitch	P	12.7	±0.3	0.5	±0.012
Lead Location	P1	5.0	±0.7	0.197	±0.020
Center Component Location	P2	6.35	±1.3	0.25	±0.051
Overall Taped Package Thickness	T	-	MAX1.42	-	MAX0.056
Feed Hole Location	W0	9.0	±0.5	0.354	±0.020
Adhesive Tape Width	W1	13.0	±0.5	0.512	±0.020
Adhesive Tape Position	W2	-	MAX4.0		MAX0.157
Taped Width	W3	18.0	±0.5	0.709	±0.020

Packing

Unit: mm

A	280±5
B	55±5
C	335±5

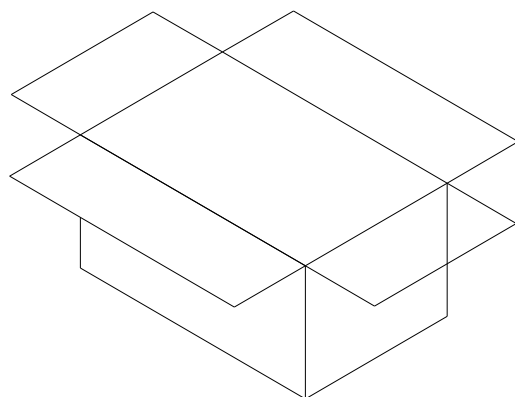


1.Package: Box(2000pcs/box)

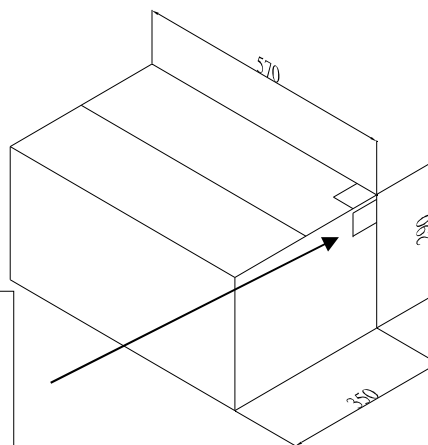
2.Indication: Below indicate the label
Details which affix to box.

LED LAMPS
PART NO: _____
LOT NO: _____
IV: _____
VF: _____
COLOR: _____
QTY: _____
QC: _____

3.Packaging methods: 10 Boxes/carton



LED LAMPS
PART NO: _____
LOT NO: _____
IV: _____
VF: _____
COLOR: _____
QTY: _____
QC: _____



3.1 There are 10 Boxes in carton, totally 20,000pcs/carton.

3.2 The dimension of outer carton is 570*350*290mm.