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## SPECIFICATION

LK8A42-43-T4

0805 SMD Chip LED Chip LED (PCB Type) Orange



GLOBAL BRILLIANCE

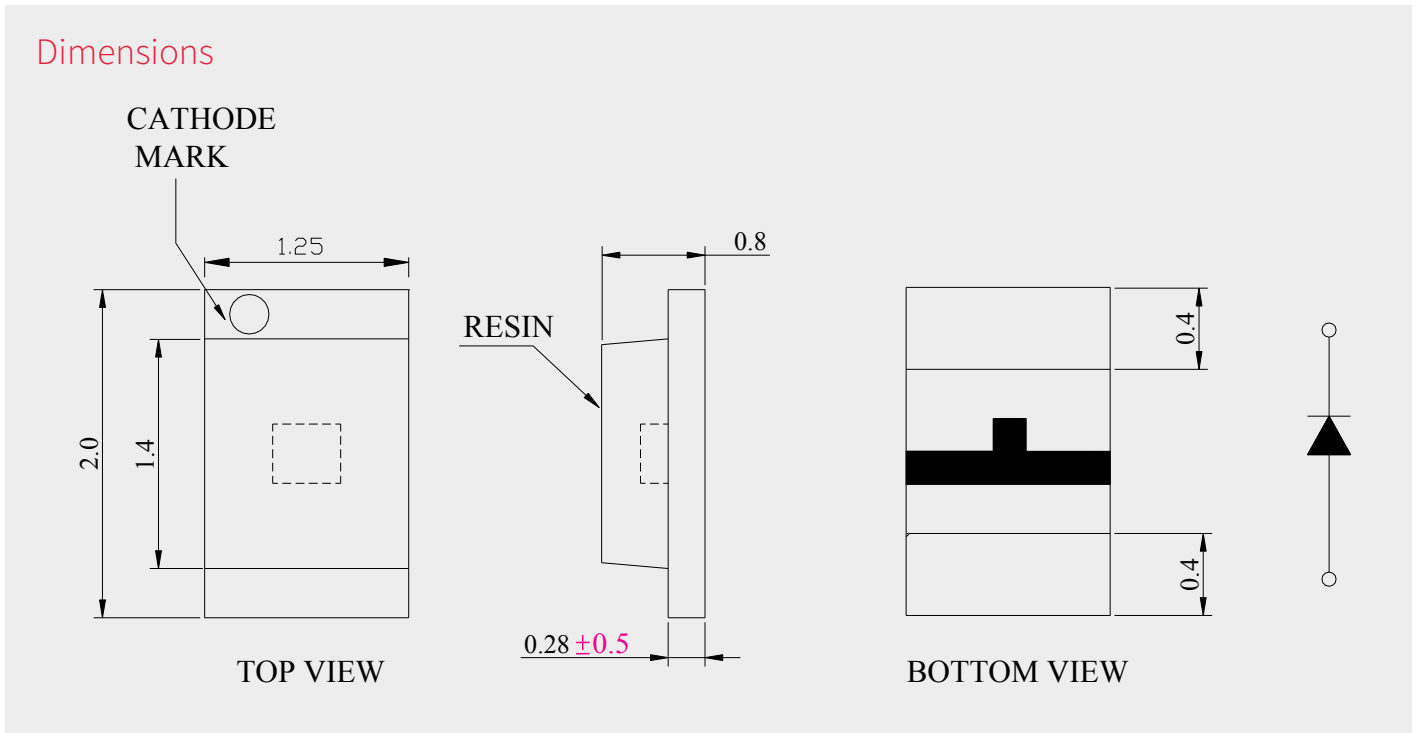
## Description

0805 SMD Chip LED Chip LED (PCB Type) Orange

## Part No

LK8A42-43-T4

## Dimensions



## Description

Part No.	LED Chip		LENS
	Material	Emitting Colour	Type
LK8A42-43-T4	GaAsP/GaP	Orange	White Diffused

## Notes

- All dimensions are in mm.
- Tolerance is  $\pm 0.25$ mm unless otherwise noted.



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## Description

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## Part No

LK8A42-43-T4

## Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Rating	Unit
Power Dissipation	Pd	78	mW
Reverse Voltage	Vr	5	V
D.C. Forward Current	If	30	mA
Peak Current (1/10 Duty Cycle, 0.1ms Pulse Width)	If (Peak)	80	mA
Operating Temperature Range	Topr.	-30 to +80	°C
Storage Temperature Range	Tstg.	-40 to +85	°C
Soldering Temperature (1.6mm from body)	Tsol.	Reflow Soldering: 260°C for 10 sec Hand Soldering : N/A	

## Typical Electrical and Optical Characteristics:

Parameter	Symbol	Condition	Value	Unit
Luminous Intensity	Iv	If=20mA	7	mcd
Forward Voltage	Vf	If=20mA	2.1	V
Peak Wavelength	$\lambda_p$	If=20mA	635	nm
Dominant Wavelength	$\lambda_p$		626	
Reverse (Leakage) Current	Ir	Vr=5V	100	$\mu$ A
Viewing Angle	2 $\theta_{1/2}$	If=20mA	140	deg