



Ledtech Corporation (UK)

Candela House
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SPECIFICATION

LK8AW1-54-UEE3-TE

0603 SMD Chip LED Chip LED (PCB Type) White



GLOBAL BRILLIANCE

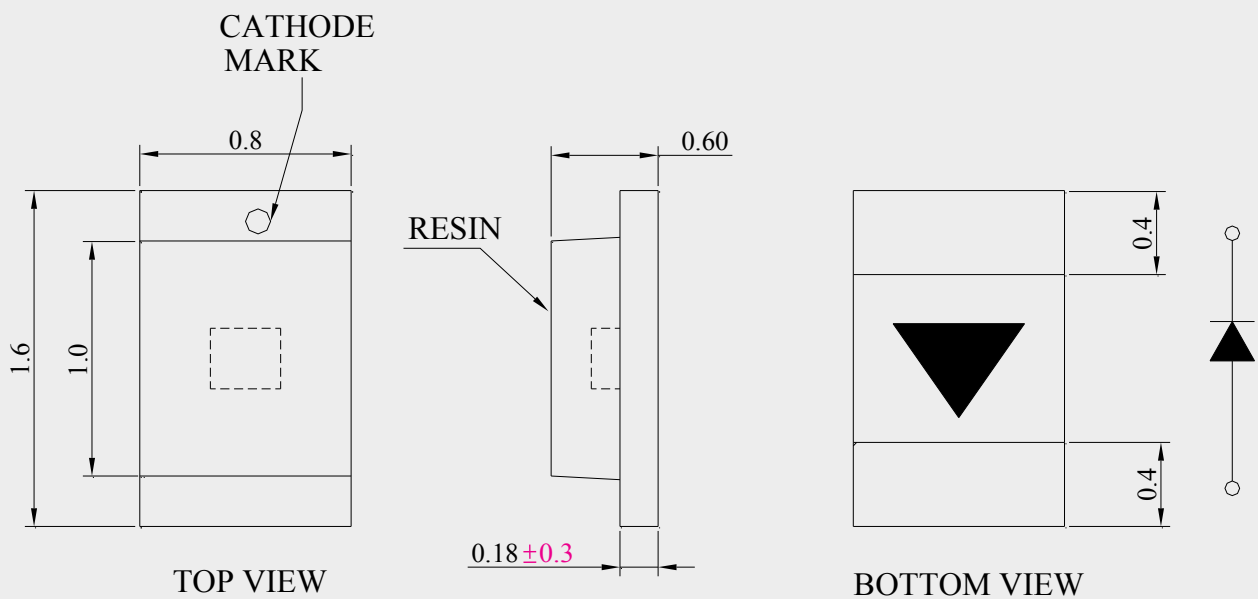
Description

0603 SMD Chip LED Chip LED (PCB Type) White

Part No

LK8AW1-54-UEE3-TE

Dimensions



Description

Part No.	LED Chip		LENS
	Material	Emitting Colour	Type
LK8AW1-54-UEE3-TE	InGaN/Sapphire	White	Yellow Diffused

Notes

- All dimensions are in mm.
- Tolerance is ± 0.25 mm unless otherwise noted.



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Description

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Part No

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Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Rating	Unit
Power Dissipation	Pd	120	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	244	mcd	
Forward Voltage	Vf	If=20mA	3.2	V	
Chromaticity X Coordinate	X	If=20mA	0.31	-	
Chromaticity Y Coordinate	Y		0.30		
Reverse (Leakage) Current	Ir	Vr=5V	50	µA	
Viewing Angle	2θ½	If=20mA	140	deg	
Correlated Colour Temperature	CCT	If=20mA	Min	Max	K
			-	-	