



Ledtech Corporation (UK)

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SPECIFICATION

LKA4121-82 / LKC4121-82

4.0" Single Digit Display Green



GLOBAL BRILLIANCE



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Description

4.0" Single Digit Display Green

Part No

LKA4121-82 (Common Anode)

LKC4121-82 (Common Cathode)

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Rating		Unit
		Seg	624	
Power Dissipation Per Segment	Pd	DP	156	mW
Reverse Voltage Per Chip	Vr	5	V	
D.C. Forward Current Per Chip	If	30	mA	
Peak Current Per Segment (1/10 Duty Cycle, 0.1ms Pulse Width)	If (Peak)	100	mA	
Operating Temperature Range	Topr.	-25 to +85	°C	
Storage Temperature Range	Tstg.	-40 to +100	°C	
Soldering Temperature (1.6mm from body)	Tsol.	Dip Soldering : 260°C for 5 sec. Hand Soldering : 350°C for 3 sec.		

Typical Electrical and Optical Characteristics:

Parameter	Symbol	Condition	Value	Unit	
Luminous Intensity Per Segment	Iv	If=10mA	3.7	mcd	
Forward Voltage Per Segment	Vf	If=40mA/seg	Seg	8.4	V
			DP	4.2	
Peak Wavelength	λ_p	If=20mA	567	nm	
Dominant Wavelength	λ_p		572		
Reverse (Leakage) Current Per Segment	Ir	Vr=5V	100	μ A	
Response Time	T	-	250	ns	