



Ledtech Corporation (UK)

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SPECIFICATION

LKA2331-42B / LKC2331-42B

2.3" Single Digit Alphanumeric Display Yellow



GLOBAL BRILLIANCE

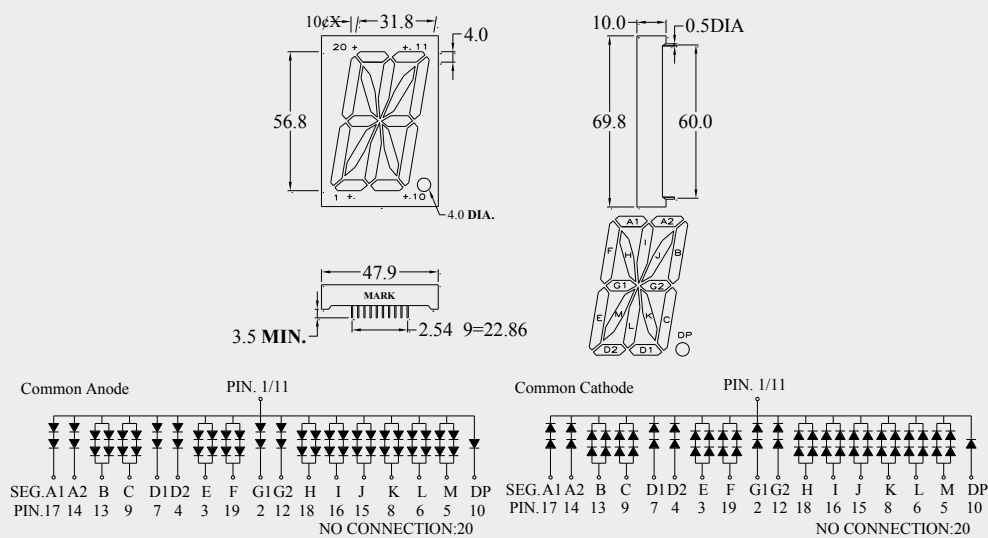
Description

2.3" Single Digit Alphanumeric Display
Yellow

Part No

LKA2331-42B (Common Anode)
LKC2331-42B (Common Cathode)

Dimensions



Description

Part No.	LED Chip		FACE COLOUR	
	Material	Emitting Colour	Surface	Segment
LKA2331-42B / LKC2331-42B	GaAsP/GaP	Yellow	Grey	White

Notes

1. All dimensions are in mm.
2. Tolerance is ± 0.25 mm unless otherwise noted.
3. Pin slope angle tolerance $\pm 5.0^\circ$.



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Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Rating	Unit	
Power Dissipation Per Segment	Pd	SEG:A1.A2 D1.D2.G1.G2	156	mW
		DP	78	
		OTHER SEGS	312	
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	2.55	mcd	
Forward Voltage Per Segment/DP	Vf	SEG:A1.A2 D1.D2.G1.G2	If=20mA/seg.	4.2	V
		DP	If=20mA/seg.	2.1	
		OTHER SEGS	If=40mA/seg.	4.2	
Peak Wavelength	λ_p	If=20mA/seg.	585	nm	
Dominant Wavelength	λ_p		590		
Reverse (Leakage) Current Per Segment	Ir	Vr=5V	100	μ A	
Response Time	T	-	250	ns	