



Ledtech Corporation (UK)

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SPECIFICATION

LKA4171-82-M1 / LKC4171-82-M1

4.0" Single Digit Display SH Red



GLOBAL BRILLIANCE

Description

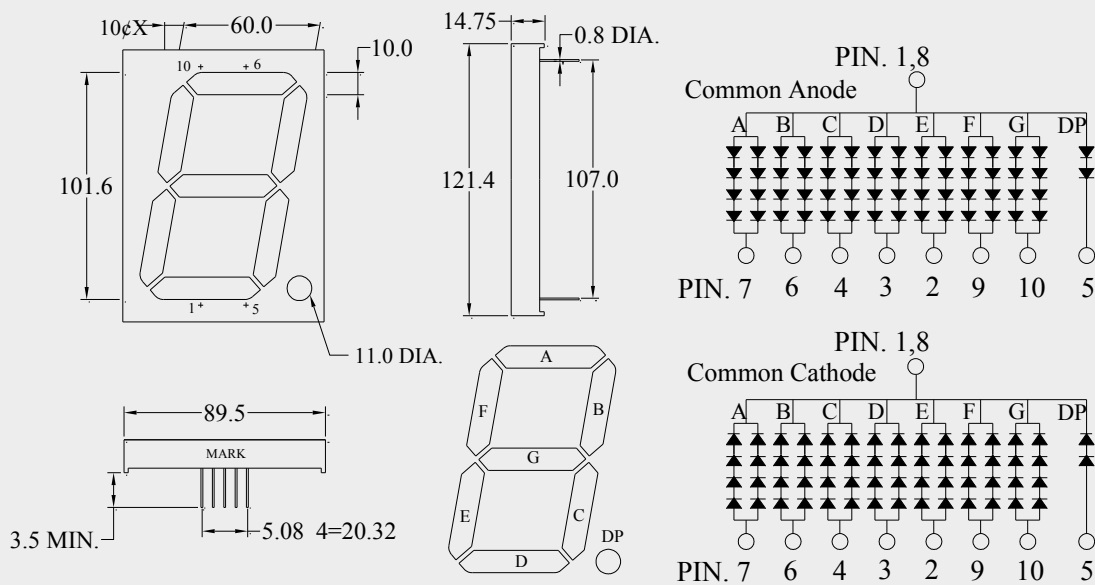
4.0" Single Digit Display SH Red

Part No

LKA4171-82-M1 (Common Anode)

LKC4171-82-M1 (Common Cathode)

Dimensions



Description

Part No.	LED Chip		FACE COLOUR	
	Material	Emitting Colour	Surface	Segment
LKA4171-82-M1 / LKC4171-82-M1	AlGaAs/GaAs	SH Red	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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Part No

LKA4171-82-M1 (Common Anode)

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Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Rating		Unit
		Seg	DP	
Power Dissipation Per Segment	Pd	528	132	mW
Reverse Voltage Per Chip	Vr	4		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	10.58	mcd	
Forward Voltage Per Segment	Vf	If=40mA/seg	Seg	7.2	V
			DP	3.6	
Peak Wavelength	λ_p	If=20mA	660	nm	
Dominant Wavelength	λ_p		643		
Reverse (Leakage) Current Per Segment	Ir	Vr=5V	100	μ A	
Response Time	T	-	250	ns	