



Ledtech Corporation (UK)

Candela House
Cardrew Ind. Est.
Redruth, Cornwall
TR15 1SS

T 01209 203198

F 01209 215197

sales@ledtech-uk.com

ledtech-uk.com

SPECIFICATION

LKA2371-42B-M1 / LKC2371-42B-M1

2.3" Single Digit Alphanumeric Display SH Red



GLOBAL BRILLIANCE

Description

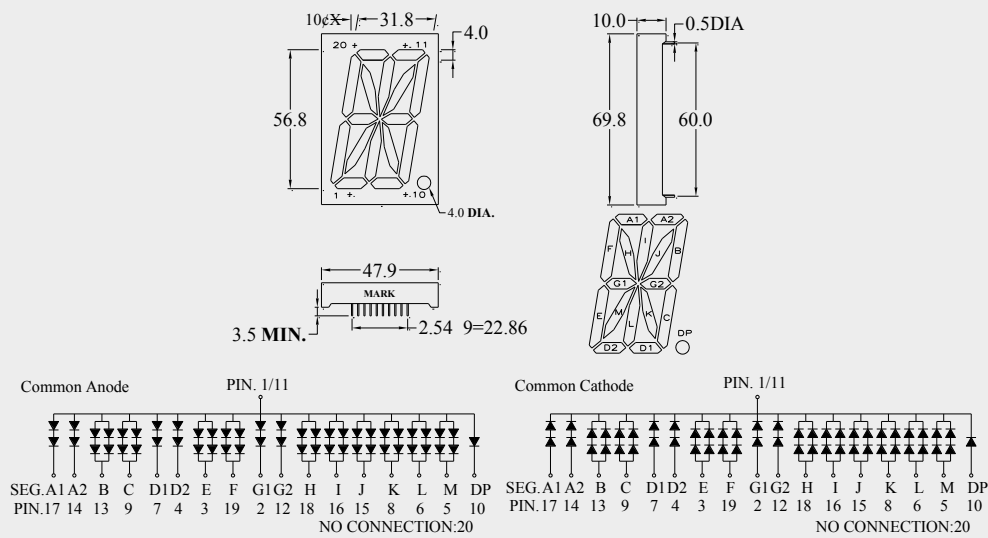
2.3" Single Digit Alphanumeric Display
SH Red

Part No

LKA2371-42B-M1 (Common Anode)

LKC2371-42B-M1 (Common Cathode)

Dimensions



Description

Part No.	LED Chip		FACE COLOUR	
	Material	Emitting Colour	Surface	Segment
LKA2371-42B-M1 / LKC2371-42B-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 $\pm 5.0^\circ$.



Ledtech Corporation (UK)

Candela House
Cardrew Ind. Est.
Redruth, Cornwall
TR15 1SS

T 01209 203198

F 01209 215197

sales@ledtech-uk.com

ledtech-uk.com

Description

2.3" Single Digit Alphanumeric Display
SH Red

Part No

LKA2371-42B-M1 (Common Anode)

LKC2371-42B-M1 (Common Cathode)

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Rating	Unit	
Power Dissipation Per Segment	Pd	SEG:A1.A2 D1.D2.G1.G2	132	mW
		DP	66	
		OTHER SEGS	264	
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	3.7	mcd	
Forward Voltage Per Segment/DP	Vf	SEG:A1.A2 D1.D2.G1.G2	If=20mA/seg.	3.6	V
		DP	If=20mA/seg.	1.8	
		OTHER SEGS	If=40mA/seg.	3.6	
Peak Wavelength	λ_p	If=20mA/seg.	660	nm	
Dominant Wavelength	λ_p		643		
Reverse (Leakage) Current Per Segment	Ir	Vr=5V	100	μ A	
Response Time	T	-	250	ns	