



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

LKA3071-13-M1 / LKC3071-13-M1

0.3" Single Digit Display SH Red



GLOBAL BRILLIANCE

Description

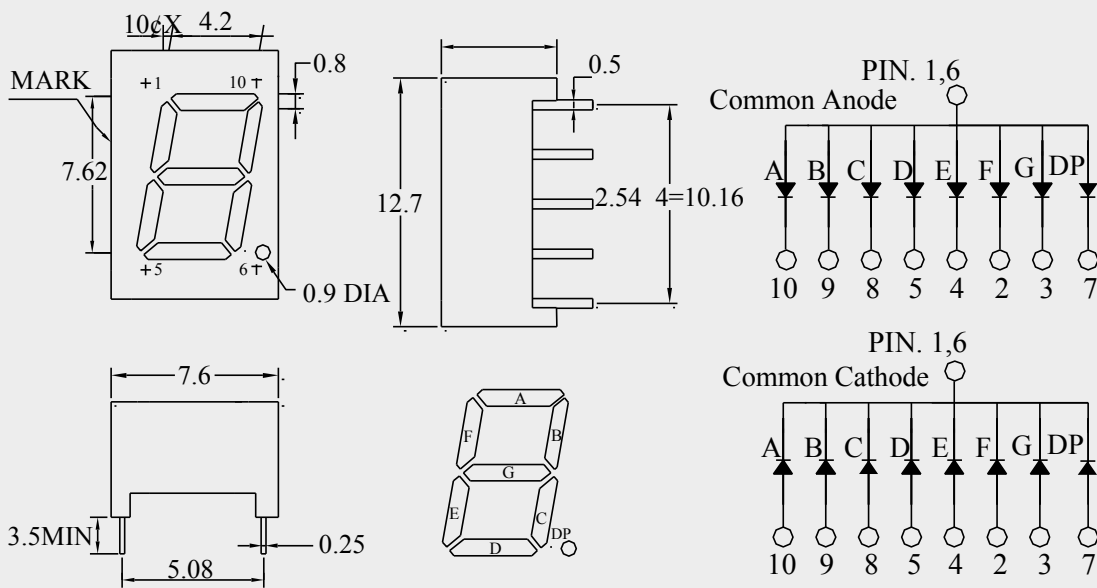
0.3" Single Digit Display SH Red

Part No

LKA3071-13-M1 (Common Anode)

LKC3071-13-M1 (Common Cathode)

Dimensions



Description

| Part No. | LED Chip | | FACE COLOUR | |
|-------------------------------|-------------|-----------------|-------------|---------|
| | Material | Emitting Colour | Surface | Segment |
| LKA3071-13-M1 / LKC3071-13-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

0.3" Single Digit Display SH Red

Part No

LKA3071-13-M1 (Common Anode)

LKC3071-13-M1 (Common Cathode)

Absolute Maximum Ratings at Ta=25°C

| Parameter | Symbol | Rating | Unit |
|---|-----------|---|------|
| Power Dissipation Per Segment | Pd | 66 | 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 /seg. | 5.3 | mcd |
| Forward Voltage Per Segment | Vf | If=20mA /seg. | 1.8 | V |
| 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 |