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

LK5C14-81
5.0mm Cylinder Standard LED Lamp Red

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

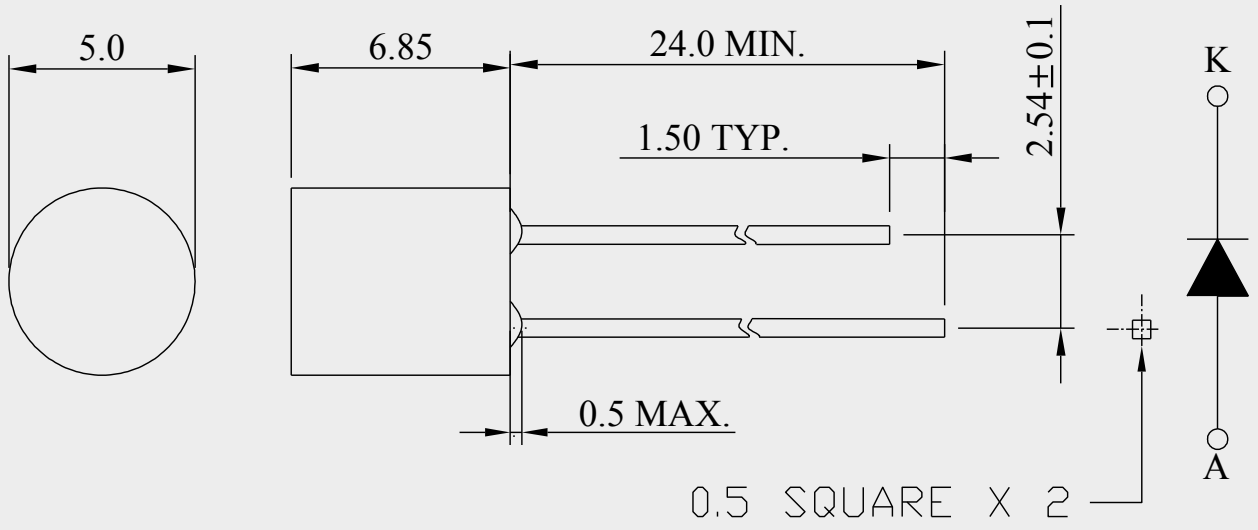
Description

5.0mm Cylinder Standard LED Lamp Red

Part No

LK5C14-81

Dimensions



Description

Part No.	LED Chip		LENS
	Material	Emitting Colour	Type
LK5C14-81	GaP/GaP	Red	Color Transparent

Notes
1. All dimensions are in mm.
2. Tolerance is ± 0.25mm unless otherwise noted.

© 2017 Ledtech Corporation (UK). E&OE. Specifications subject to change without notice.

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

5.0mm Cylinder Standard LED Lamp Red

Part No

LK5C14-81

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Rating	Unit
Power Dissipation	Pd	90	mW
Reverse Voltage	Vr	5	V
D.C. Forward Current	If	30	mA
Peak Current (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	Iv	If=20mA	1.1	mcd
Forward Voltage	Vf	If=20mA	2.1	V
Peak Wavelength	λp	If=20mA	700	nm
Dominant Wavelength	λp		650	
Reverse (Leakage) Current	Ir	Vr=5V	100	µA
Viewing Angle	2Θ½	If=20mA	60	deg

© 2017 Ledtech Corporation (UK). E&OE. Specifications subject to change without notice.