

1

2

3

4

5

6

7

8

A

B

C

D

E

F

G

H

PACKAGE DIMENSION mm

PIN1

INTERNAL CIRCUIT DIAGRAM

Common Cathode

L-KLS9-D-5015 Ax

Common Anode

L-KLS9-D-5015 Bx

Color Code	Emitting Color	Peak Wavelength	Forward Voltage V_F /Seg.		Luminous Intensity I_V /Seg.	
			Typ.	Max.	Min.	Typ.
		nm		V		mcd
UHR	Ultra Red	640	2	2.5	40	60
UE	Orange	615	2	2.5	40	60
H	Red	623	2.25	2.5	0.4	0.8
YO	Amber	605	2	2.5	40	60
UY	Yellow	590	2	2.5	40	60
UG	Green	568	2.1	2.5	25	40
PG	Pure Green	525	3.3	3.8	150	200
UB	Blue	465	3.3	3.8	40	100
UW	White		3.3	3.8	200	500

Electro/Optical Characteristics $I_F=20mA$ $T_a=25^{\circ}C$

Order information

L-KLS9-D-50

1

5

A

XX

-X

X

RoHS

Digit Mode

Character Height

Digit Number:

1-single digit

2-Dual digit

3- Three digit

4-Four digit

Reflector surface color

Color Code:

Drive Mode:

Common Cathode

Common Anode

Model Number:

Maximum Ratings $T_a=25^{\circ}C$ (Derate above $25^{\circ}C$)												
Characteristic	Test Condition	Symbol	Units	Ultra Red	Orange	Red	Amber	Yellow	Green	Pure Green	Blue	White
				UHR	UE	H	YO	UY	UG	PG	UB	UW
Pulse Forward Current Per Seg.	1/10 duty cycle 0.1ms Pulse width	I_{FP}	mA	100	100	50	100	100	100	100	100	100
DC Forward Current Per Seg.		I_F	mA	30	30	15	30	30	30	30	30	30
Reverse Current Per Seg.	$V_R=5V$	I_R	A	10	10	10	10	10	10	10	10	10
Power Dissipation		P_D	mW	65×8	65×8	40×8	65×8	65×8	75×8	110×8	120×8	120×8

Tolerance:	±0.25mm unless stated	Description:	0.5" Single Digit
PROJECTION		7 Segment DISPLAYS	
UNITS	mm		
SHEET SIZE	A4	KLS P/N:	L-KLS9-D-5015XXXXX
Draw data	2018-1-25		NingBo KLS ELECTRONIC CO.,L TD.
Check data	2018-1-25		