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PACKAGE DIMENSION mm

INTERNAL CIRCUIT DIAGRAM

Common Cathode

L-KLS9-D-3631 Ax

Common Anode

L-KLS9-D-3631 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 Ta=25°C

Order information

L-KLS9-D-36 3 1 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 Ta=25°C (Derate above 25°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:	0.36" Single Digit
PROJECTION		7 Segment DISPLAYS	
UNITS	mm		
SHEET SIZE	A4		
Draw data	2018-1-25		
Check data	2018-1-25	KLS P/N:	L-KLS9-D-3631XXXXX

NingBo KLS ELECTRONIC CO.,L TD.

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PACKAGE DIMENSION mm

DIG.1

DIG.2

DIG.3

Common Cathode

L-KLS9-D-3631 Cx

Common Anode

L-KLS9-D-3631 Dx

1

2

3

4

5

6

7

8

A

B

C

D

E

F

G

H

Maximum Ratings Ta=25°C (Derate above 25°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	IFP	mA	100	100	50	100	100	100	100	100	100
DC Forward Current Per Seg.		IF	mA	30	30	15	30	30	30	30	30	30
Reverse Current Per Seg.	VR=5V	IR	A	10	10	10	10	10	10	10	10	10
Power Dissipation		PD	mW	65×8	65×8	40×8	65×8	65×8	75×8	110×8	120×8	120×8

Tolerance: ±0.25mm unless stated

PROJECTION

UNITS mm

SHEET SIZE A4

Draw data 2018-1-25

Check data 2018-1-25

Description: 0.36" Single Digit 7 Segment DISPLAYS

KLS P/N: L-KLS9-D-3631XXXXX

KLS

NingBo KLS ELECTRONIC CO.,L TD.

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PACKAGE DIMENSION mm

DIG.1 DIG.2 DIG.3
A B C D E F G
DP

INTERNAL CIRCUIT DIAGRAM

Common Cathode

L-KLS9-D-3631 Ex

Common Anode

L-KLS9-D-3631 Fx

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 Ta=25°C

Order information

L-KLS9-D-36 3 1 E 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 Ta=25°C (Derate above 25°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

PROJECTION

UNITS mm

SHEET SIZE A4

Draw data 2018-1-25

Check data 2018-1-25

Description: 0.36" Single Digit 7 Segment DISPLAYS

KLS P/N: L-KLS9-D-3631XXXXX

NingBo KLS ELECTRONIC CO.,L TD.