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PACKAGE DIMENSION mm

INTERNAL CIRCUIT DIAGRAM

Common Cathode
L-KLS9-D-4042 Ax

Common Anode
L-KLS9-D-4042 Bx

Color Code	Emitting Color	Peak Wavelength nm	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-40 4 2 A XX -X X

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: 0.4" Single Digit 7 Segment DISPLAYS	
PROJECTION		KLS P/N: L-KLS9-D-4042XXXXX	
UNITS	mm		
SHEET SIZE	A4	NingBo KLS ELECTRONIC CO.,L TD.	
Draw data	2018-1-25		
Check data	2018-1-25		

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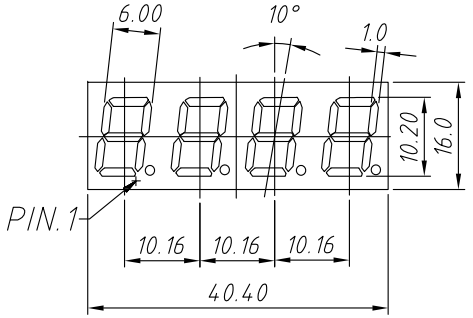
E

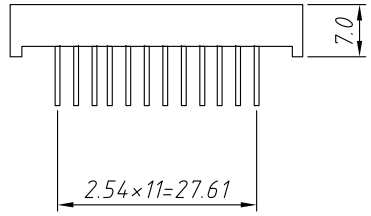
F

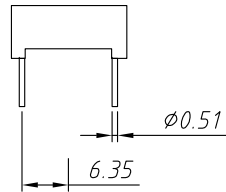
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PACKAGE DIMENSION mm



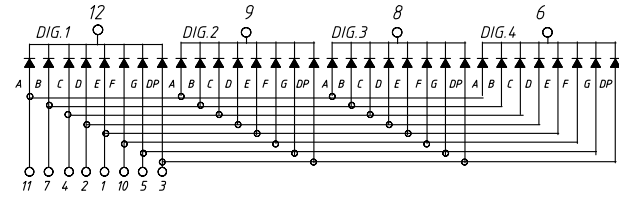




INTERNAL CIRCUIT DIAGRAM

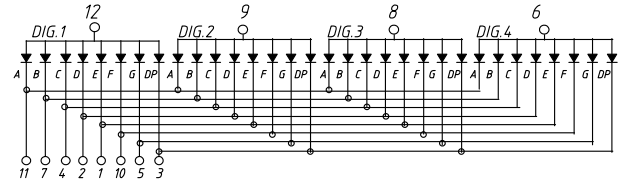
Common Cathode

L-KLS9-D-4042 Cx



Common Anode

L-KLS9-D-4042 Dx



Color Code

Emitting Color

Peak Wavelength nm

Forward Voltage V_F/Seg. Typ. Max.

Luminous Intensity I_v/Seg. Min. Typ.

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-40 4 2 C 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
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: 0.4" Single Digit 7 Segment DISPLAYS

KLS P/N: L-KLS9-D-4042XXXXX

 NingBo KLS ELECTRONIC CO.,L TD.

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PACKAGE DIMENSION mm

DIG.1 DIG.2 DIG.3 DIG.4

INTERNAL CIRCUIT DIAGRAM

Common Cathode

L-KLS9-D-4042 Ex

Common Anode

L-KLS9-D-4042 Fx

Order information

L-KLS9-D-40 4 2 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: 0.4" Single Digit 7 Segment DISPLAYS

KLS P/N: L-KLS9-D-4042XXXXX

KLS

NingBo KLS ELECTRONIC CO.,L TD.