

LED NUMERIC DISPLAY Series

KLS9-D Single Digit Numeric Display

KLS9 - D - 180 1 1 A EG - 1 1 - XXX
1 2 3 4 5 6 7 8 9 10

1. Brand: KLS ELECTRONIC
2. Digit Mode: D-Display
3. Digit Character Height: 180-1.80" May be two symbols (If first X is 0 , neglected)
4. Digit Number: 1- Single digit 2-Dual digit 3-Three digit 4-Four digit
5. Model Number:
6. Drive Mode: A. C. E. - Common Cathode B. D. F. - Common Anode Z-Universal
7. Color Code:

H: Red	GaP/GaP	700nm	UG: High Bright Green	AlGaInP	574nm
S: High Bright Red	GaAlAs/GaAs	SH 660nm	PG: Super Pure Green	AlGaInP	525nm
D: Super Bright Red	GaAlAs/GaAs	DH 660nm	BG: Super Bluish Green	AlGaInP	505nm
UR: Ultra Bright Red	GaAlAs/GaAlAs	DDH 660nm	B: Blue GaN/SiC		430nm
UHR: Ultra Bright Red	AlGaInP	640nm	UB: Super Bright Blue	InGaN/SiC	470nm
E: Orange	GaAsP/GaP	635nm	V: UV	InGaN/SiC	405nm
UE: High Bright Orange	AlGaInP	630nm	W: White		
Y: Yellow	GaAsP/GaP	585nm	EG: Orange+Green Bi-Color		
UY: High Bright Yellow	AlGaInP	590nm	SG: High Red+Green Bi-Color		
G: Green	GaP/GaP	568nm	RGB: Multicolor		

8. Reflector Surface Color: 0-White Surface 1-Black Surface 2-Gray Surface 3-Red Surface
9. Segment Epoxy Color: 0-Water Clear 1-White Diffused 2-Red Diffused
3-Green Diffused 4-Yellow Diffused
10. Special Device: -Lxx: Pin Length -B: Both Side Decimal Point -N: No Decimal Point

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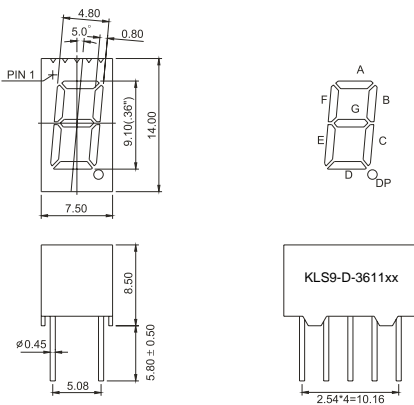
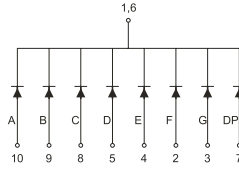
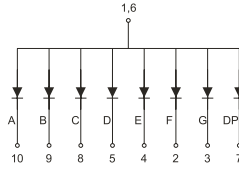
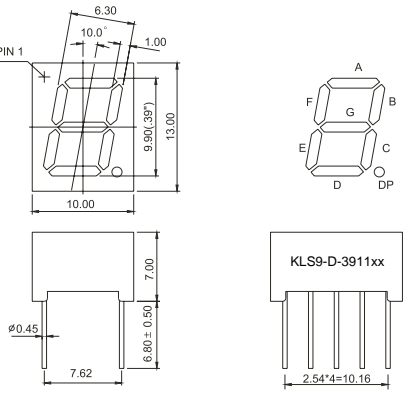
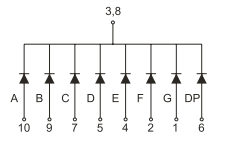
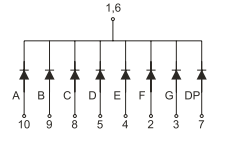
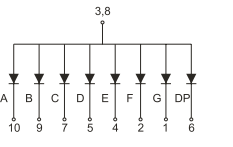
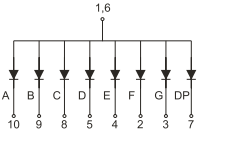
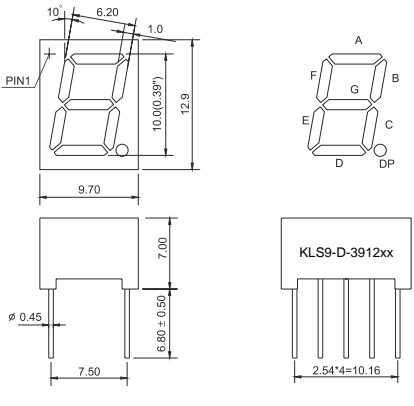
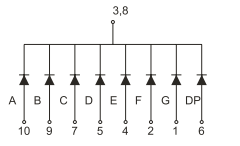
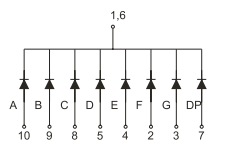
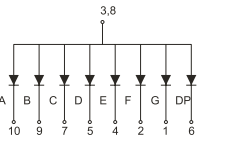
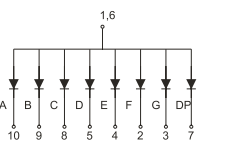
IX

PACKAGE DIMENSION	INTERNAL CIRCUIT DIAGRAM
<p>KLS9-D-2811 Series</p>	<p>KLS9-D-2811Ax</p> <p>KLS9-D-2811Bx</p>
<p>KLS9-D-3011 Series</p>	<p>KLS9-D-3011Ax</p> <p>KLS9-D-3011Bx</p>
<p>KLS9-D-3011 Series</p>	<p>KLS9-D-3011Cx</p> <p>KLS9-D-3011Dx</p>

LED NUMERIC DISPLAY Series

KLS9-D Single Digit Numeric Display

IX

PACKAGE DIMENSION	INTERNAL CIRCUIT DIAGRAM	
<p>KLS9-D-3611 Series</p> 	<p>KLS9-D-3611Ax</p>  <p>KLS9-D-3611Bx</p> 	
<p>KLS9-D-3911 Series</p> 	<p>KLS9-D-3911Ax</p>  <p>KLS9-D-3911Cx</p> 	<p>KLS9-D-3911Bx</p>  <p>KLS9-D-3911Dx</p> 
<p>KLS9-D-3912 Series</p> 	<p>KLS9-D-3912Ax</p>  <p>KLS9-D-3912Cx</p> 	<p>KLS9-D-3912Bx</p>  <p>KLS9-D-3912Dx</p> 

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PACKAGE DIMENSION	INTERNAL CIRCUIT DIAGRAM
<p>KLS9-D-4011 Series</p>	<p>KLS9-D-4011Ax</p> <p>KLS9-D-4011Bx</p> <p>KLS9-D-4011Ex</p> <p>KLS9-D-3911Fx</p>
<p>KLS9-D-4011 Series</p>	<p>KLS9-D-4011Cx</p> <p>KLS9-D-4011Dx</p>
<p>KLS9-D-5011 Series</p>	<p>KLS9-D-5011Ax</p> <p>KLS9-D-5011Bx</p>

LED NUMERIC DISPLAY Series

KLS9-D Single Digit Numeric Display



PACKAGE DIMENSION	INTERNAL CIRCUIT DIAGRAM
<p>KLS9-D-5013 Series</p>	<p>KLS9-D-5013Ax</p> <p>KLS9-D-5013Bx</p>
<p>KLS9-D-5013 Series</p>	<p>KLS9-D-5013Cx</p> <p>KLS9-D-5013Dx</p>
<p>KLS9-D-5211 Series</p>	<p>KLS9-D-5211Ax</p> <p>KLS9-D-5211Bx</p>

LED NUMERIC DISPLAY Series

KLS9-D Single Digit Numeric Display

IX

PACKAGE DIMENSION	INTERNAL CIRCUIT DIAGRAM
<p>KLS9-D-5611 Series</p>	<p>KLS9-D-5611Ax</p> <p>KLS9-D-5611Bx</p>
<p>KLS9-D-5612 Series</p>	<p>KLS9-D-5612Ax</p> <p>KLS9-D-5612Bx</p>
<p>KLS9-D-5613 Series</p>	<p>KLS9-D-5613Ax</p> <p>KLS9-D-5613Bx</p>

LED NUMERIC DISPLAY Series

KLS9-D Single Digit Numeric Display



PACKAGE DIMENSION	INTERNAL CIRCUIT DIAGRAM
<p>KLS9-D-6011 Series</p>	<p>KLS9-D-6011Ax</p> <p>KLS9-D-6011Bx</p>
<p>KLS9-D-8011 Series</p>	<p>KLS9-D-8011Ax</p> <p>KLS9-D-8011Bx</p>
<p>KLS9-D-8011 Series</p>	<p>KLS9-D-8011Cx</p> <p>KLS9-D-8011Dx</p>

LED NUMERIC DISPLAY Series

KLS9-D Single Digit Numeric Display



PACKAGE DIMENSION	INTERNAL CIRCUIT DIAGRAM
<p>KLS9-D-8012 Series</p>	<p>KLS9-D-8012Ax</p> <p>KLS9-D-8012Bx</p>
<p>KLS9-D-8012 Series</p>	<p>KLS9-D-8012Cx</p> <p>KLS9-D-8012Dx</p>
<p>KLS9-D-8013 Series</p>	<p>KLS9-D-8013Ax</p> <p>KLS9-D-8013Bx</p>

LED NUMERIC DISPLAY Series

KLS9-D Single Digit Numeric Display



PACKAGE DIMENSION	INTERNAL CIRCUIT DIAGRAM
<p>KLS9-D-8014 Series</p>	<p>KLS9-D-8014Ax</p> <p>KLS9-D-8014Bx</p>
<p>KLS9-D-10011 Series</p>	<p>KLS9-D-10011Ax</p> <p>KLS9-D-10011Bx</p>
<p>KLS9-D-10012 Series</p>	<p>KLS9-D-10012Ax</p> <p>KLS9-D-10012Bx</p> <p>KLS9-D-10012Cx</p> <p>KLS9-D-10012Dx</p>

LED NUMERIC DISPLAY Series

KLS9-D Single Digit Numeric Display



PACKAGE DIMENSION	INTERNAL CIRCUIT DIAGRAM
<p>KLS9-D-10012 Series</p>	<p>KLS9-D-10012AEG</p> <p>KLS9-D-10012BEG</p>
<p>KLS9-D-10013 Series</p>	<p>KLS9-D-10013Ax</p> <p>KLS9-D-10013Ax</p>
<p>KLS9-D-12011 Series</p>	<p>KLS9-D-12011Ax</p> <p>KLS9-D-12011Bx</p>

LED NUMERIC DISPLAY Series

KLS9-D Single Digit Numeric Display



PACKAGE DIMENSION	INTERNAL CIRCUIT DIAGRAM
<p>KLS9-D-12011 Series</p>	<p>KLS9-D-12011AEG</p> <p>KLS9-D-12011BEG</p>
<p>KLS9-D-12012 Series</p>	<p>KLS9-D-12012Ax</p> <p>KLS9-D-12012Bx</p>
<p>KLS9-D-15011 Series</p>	<p>KLS9-D-15011Ax</p> <p>KLS9-D-15011Bx</p>

LED NUMERIC DISPLAY Series

KLS9-D Single Digit Numeric Display



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<p>KLS9-D-15011 Series</p>	<p>KLS9-D-15011AEG</p> <p>KLS9-D-15011BEG</p>	
<p>KLS9-D-15012 Series</p>	<p>KLS9-D-15012Ax</p> <p>KLS9-D-15012Bx</p>	
<p>KLS9-D-18011 Series</p>	<p>KLS9-D-18011Ax</p> <p>KLS9-D-18011Bx</p> <p>KLS9-D-18011Cx</p> <p>KLS9-D-18011Dx</p>	

LED NUMERIC DISPLAY Series

KLS9-D Single Digit Numeric Display



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<p>KLS9-D-18011 Series</p>	<p>KLS9-D-18011AEG</p> <p>KLS9-D-18011BEG</p>
<p>KLS9-D-18011 Series</p>	<p>KLS9-D-18011CEG</p> <p>KLS9-D-18011DEG</p>
<p>KLS9-D-23011 Series</p>	<p>KLS9-D-23011Ax</p> <p>KLS9-D-23011Bx</p>

LED NUMERIC DISPLAY Series

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PACKAGE DIMENSION	INTERNAL CIRCUIT DIAGRAM
<p>KLS9-D-23011 Series</p>	<p>KLS9-D-23011Cx</p> <p>KLS9-D-23011Dx</p>
<p>KLS9-D-23011 Series</p>	<p>KLS9-D-23011AEG</p> <p>KLS9-D-23011BEG</p>
<p>KLS9-D-30011 Series</p>	<p>KLS9-D-30011Ax</p> <p>KLS9-D-30011Bx</p>

LED NUMERIC DISPLAY Series

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PACKAGE DIMENSION	INTERNAL CIRCUIT DIAGRAM
<p>KLS9-D-30011 Series</p>	<p>KLS9-D-30011AEG</p> <p>KLS9-D-30011BEG</p>
<p>KLS9-D-40011 Series</p>	<p>KLS9-D-40011Ax</p> <p>KLS9-D-40011Bx</p>
<p>KLS9-D-40011 Series</p>	<p>KLS9-D-40011Cx</p> <p>KLS9-D-40011Dx</p>

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<p>KLS9-D-40011 Series</p>	<p>KLS9-D-40011Ex</p> <p>KLS9-D-40011Fx</p>
<p>KLS9-D-40011 Series</p>	<p>KLS9-D-40011AEG</p> <p>KLS9-D-40011BEG</p> <p>10,11,21&22 NO PIN</p>
<p>KLS9-D-50011 Series</p>	<p>KLS9-D-50011Ax</p> <p>KLS9-D-50011Bx</p>