

# Kingbright

## Optoelectronic Components

### SMD DISPLAY

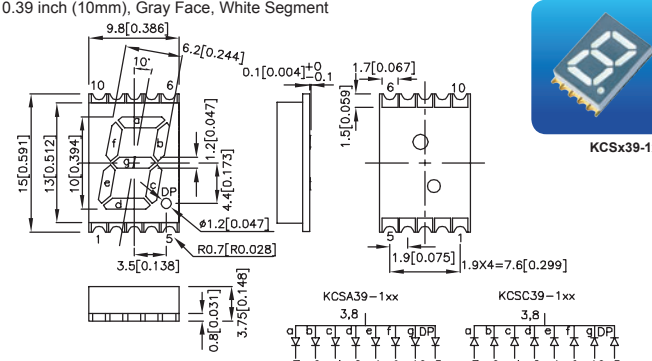
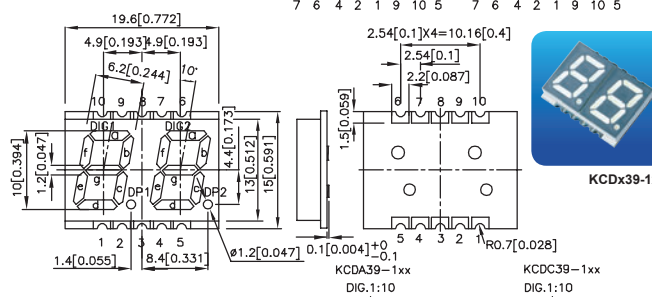
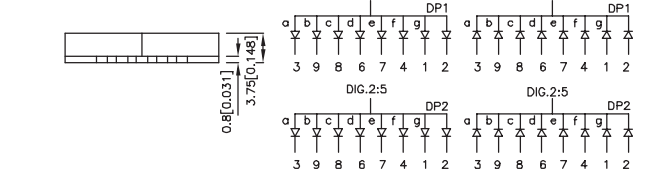
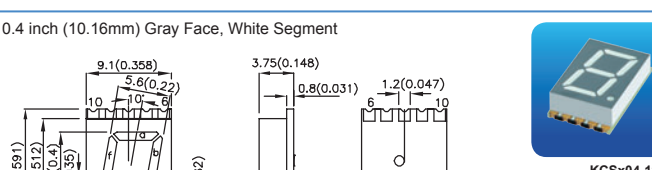
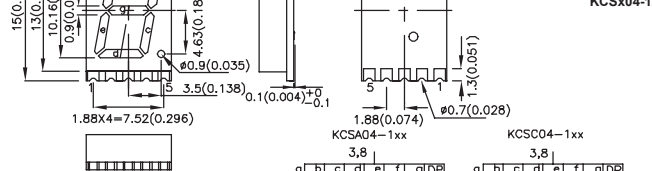
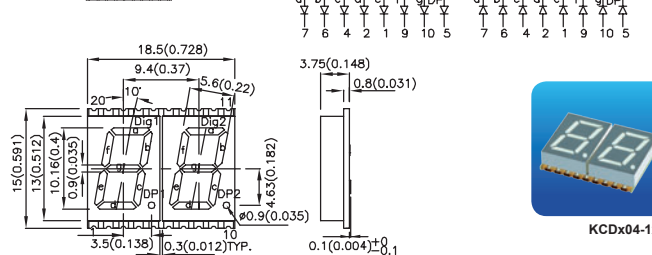
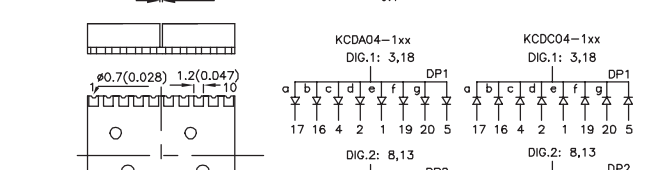
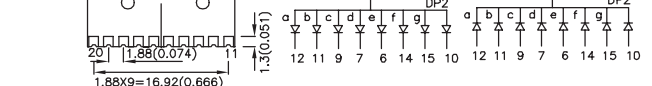


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## 7-SEGMENT SMD DISPLAY

Part Number		Material	$\lambda$ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
KCSA02-105 KCDA02-105	KCSC02-105 KCDC02-105	AlGaInP	630	3600	8100	<p>0.2 inch (5.08mm), Gray Face, White Segment</p> <p>KCSx02-1xx</p>
KCSA02-106 KCDA02-106	KCSC02-106 KCDC02-106	AlGaInP	601	5600	12000	
KCSA02-107 KCDA02-107	KCSC02-107 KCDC02-107	AlGaInP	590	5600	15000	
KCSA02-123 KCDA02-123	KCSC02-123 KCDC02-123	AlGaInP	570	2200	4300	
KCSA02-136 KCDA02-136	KCSC02-136 KCDC02-136	InGaN	465	2200	4300	
KCSA03-105 KCDA03-105	KCSC03-105 KCDC03-105	AlGaInP	630	3600	6400	<p>0.3 inch (7.62mm), Gray Face, White Segment</p> <p>KCSx03-1xx</p>
KCSA03-106 KCDA03-106	KCSC03-106 KCDC03-106	AlGaInP	601	5600	11000	
KCSA03-107 KCDA03-107	KCSC03-107 KCDC03-107	AlGaInP	590	5600	13000	
KCSA03-123 KCDA03-123	KCSC03-123 KCDC03-123	AlGaInP	570	1400	3100	
KCSA03-136 KCDA03-136	KCSC03-136 KCDC03-136	InGaN	465	1400	2500	

- NOTES:
- All dimensions are in millimeters(inches).
  - Tolerance is  $\pm 0.25\text{mm}(0.01\text{'})$  unless otherwise noted.
  - Luminous intensity value is traceable to CIE127-2007 standards.

7-SEGMENT SMD DISPLAY

Part Number		Material	$\lambda$ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
KCSA39-105 KCDA39-105	/	AlGaInP	630	3600	9000	0.39 inch (10mm), Gray Face, White Segment 
KCSA39-106 KCDA39-106	/	AlGaInP	601	21000	40000	
KCSA39-107 KCDA39-107	/	AlGaInP	590	14000	30000	
KCSA39-123 KCDA39-123	/	AlGaInP	570	3600	7000	
KCSA39-136 KCDA39-136	KCSC39-136 KCDC39-136	InGaN	465	2200	5600	
KCSA04-105 KCDA04-105	KCSC04-105 KCDC04-105	AlGaInP	630	9000	20000	0.4 inch (10.16mm) Gray Face, White Segment 
KCSA04-106 KCDA04-106	KCSC04-106 KCDC04-106	AlGaInP	601	9000	15000	
KCSA04-107 KCDA04-107	KCSC04-107 KCDC04-107	AlGaInP	590	9000	23000	
KCSA04-123 KCDA04-123	KCSC04-123 KCDC04-123	AlGaInP	570	2200	4100	
KCSA04-136 KCDA04-136	KCSC04-136 KCDC04-136	InGaN	465	2200	5200	

NOTES:  
 1. All dimensions are in millimeters(inches).  
 2. Tolerance is  $\pm 0.25\text{mm}(0.01\text{'})$  unless otherwise noted.  
 3. Luminous intensity value is traceable to CIE127-2007 standards.



## 7-SEGMENT SMD DISPLAY

Part Number		Material	$\lambda$ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
						<p>0.51 inch (13mm) Gray Face, White Segment</p> <p>KCSA51-1xx KCSC51-1xx</p> <p>KCDA51-1xx KCDC51-1xx</p>
KCSA51-136 KCDA51-136	KCSC51-136 KCDC51-136	InGaN	465	3600	6500	<p>0.51 inch (13mm) Gray Face, White Segment</p> <p>KCSA51-1xx KCSC51-1xx</p> <p>KCDA51-1xx KCDC51-1xx</p>
						<p>0.56 inch (14.22mm), Gray Face, White Segment</p> <p>KCSA56-1xx KCSC56-1xx</p> <p>KCDA56-1xx KCDC56-1xx</p>
KCSA56-105 KCDA56-105	KCSC56-105 KCDC56-105	AlGaInP	630	14000	29000	
KCSA56-106 KCDA56-106	KCSC56-106 KCDC56-106	AlGaInP	601	14000	23000	
KCSA56-107 KCDA56-107	KCSC56-107 KCDC56-107	AlGaInP	590	14000	29000	
KCSA56-123 KCDA56-123	KCSC56-123 KCDC56-123	AlGaInP	570	2200	4600	
KCSA56-131 KCDA56-131	KCSC56-131 KCDC56-131	InGaN	465	5600	15000	
KCSA56-136 KCDA56-136	KCSC56-136 KCDC56-136	InGaN	465	2200	6600	

NOTES:  
 1. All dimensions are in millimeters(inches).  
 2. Tolerance is ±0.25mm(0.01") unless otherwise noted.  
 3. Luminous intensity value is traceable to CIE127-2007 standards.

ALPHANUMERIC SMD DISPLAY

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
KCPSA04-105 KCPDA04-105	KCPSC04-105 KCPDC04-105	AlGaInP	630	3600	8300	<p>0.4 inch (10.16mm), Gray Face, White Segment</p>
KCPSA04-106 KCPDA04-106	KCPSC04-106 KCPDC04-106	AlGaInP	601	5600	13000	
KCPSA04-107 KCPDA04-107	KCPSC04-107 KCPDC04-107	AlGaInP	590	5600	12000	
KCPSA04-123 KCPDA04-123	KCPSC04-123 KCPDC04-123	AlGaInP	570	1400	3100	