Kingbright

Optoelectronic Components

THROUGH-HOLE DISPLAY

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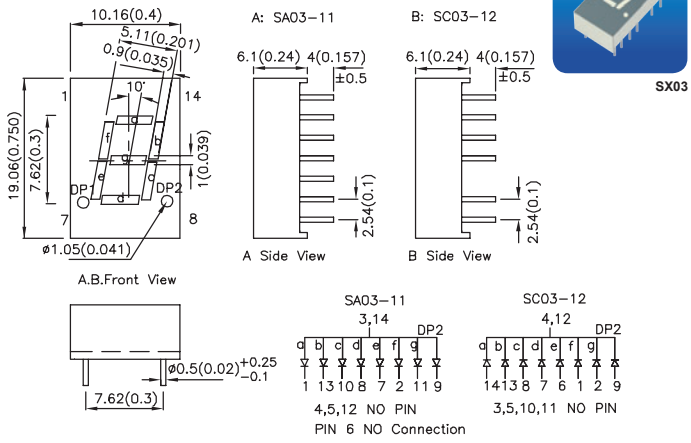
■ Quality ■ Efficiency ■ Service ■ Innovation

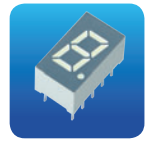
2016-2018

SINGLE DIGIT 7-SEGMENT THROUGH-HOLE DISPLAY

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
SA03-11SEKWA	SC03-12SEKWA	AlGaInP	601	21000	51000	0.3 inch (7.62mm), Gray Face, White Segment
SA03-11SURKWA	SC03-12SURKWA	AlGaInP	630	9000	20000	
SA03-11SYKWA	SC03-12SYKWA	AlGaInP	590	14000	30000	
SA03-11CGKWA	SC03-12CGKWA	AlGaInP	570	9000	17000	
SA32-11EWA	SC32-11EWA	GaAsP/GaP	617	1400	3300	0.32 inch (8mm), Gray Face, White Segment
SA32-11SRWA	SC32-11SRWA	GaAlAs	640	5600	10000	
SA32-11YWA	SC32-11YWA	GaAsP/GaP	588	900	1700	
SA32-11GWA	SC32-11GWA	GaP	568	1400	2500	
SA36-11SEKWA	SC36-11SEKWA	AlGaInP	601	5600	14000	0.36 inch (9.14mm), Gray Face, White Segment
SA36-11SURKWA	SC36-11SURKWA	AlGaInP	630	3600	9000	
SA36-11SYKWA	SC36-11SYKWA	AlGaInP	590	5600	14000	
SA36-11CGKWA	SC36-11CGKWA	AlGaInP	570	1400	3700	

SX03

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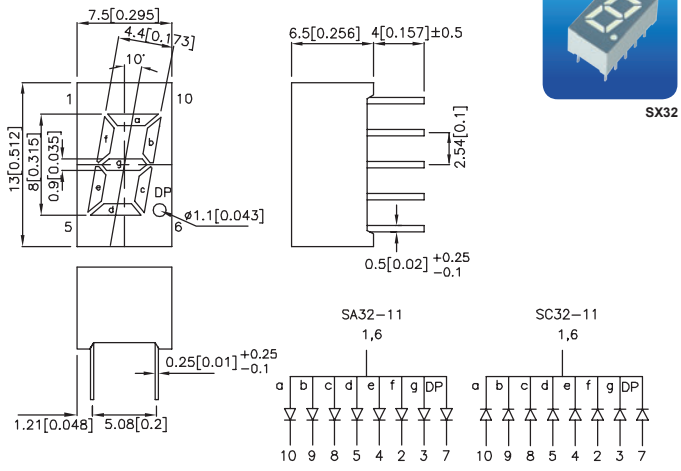

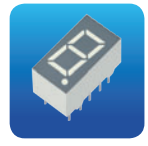
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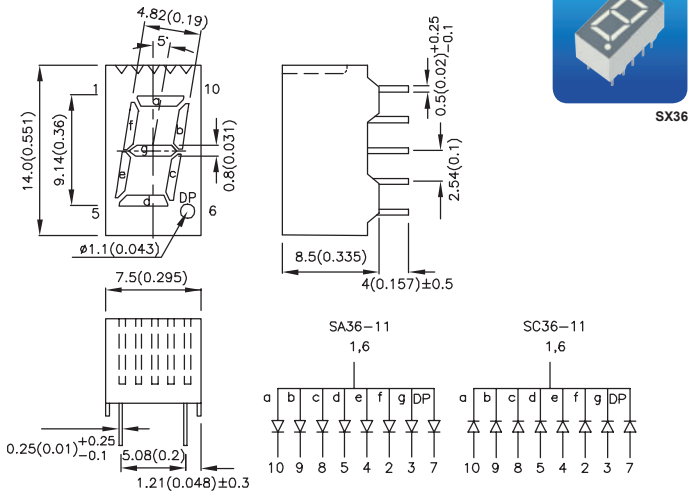
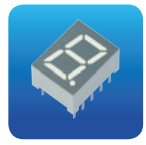


NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

SINGLE DIGIT 7-SEGMENT THROUGH-HOLE DISPLAY

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
SA39-11SEKWA SA39-12SEKWA	SC39-11SEKWA SC39-12SEKWA	AlGaInP	601	14000	30000	0.39 inch (9.9mm), Gray Face, White Segment
SA39-11SURKWA SA39-12SURKWA	SC39-11SURKWA SC39-12SURKWA	AlGaInP	630	5600	12000	
SA39-11SYKWA SA39-12SYKWA	SC39-11SYKWA SC39-12SYKWA	AlGaInP	590	14000	26000	
SA39-11CGKWA SA39-12CGKWA	SC39-11CGKWA SC39-12CGKWA	AlGaInP	570	3600	6800	
SA04-11SEKWA SA04-12SEKWA	SC04-11SEKWA SC04-12SEKWA	AlGaInP	601	21000	46000	0.4 inch (10.16mm), Gray Face, White Segment
SA04-11SURKWA SA04-12SURKWA	SC04-11SURKWA SC04-12SURKWA	AlGaInP	630	9000	24000	
SA04-11SYKWA SA04-12SYKWA	SC04-11SYKWA SC04-12SYKWA	AlGaInP	590	21000	40000	
SA04-11CGKWA SA04-12CGKWA	SC04-11CGKWA SC04-12CGKWA	AlGaInP	570	5600	11000	
SA43-11SEKWA SA43-13SEKWA	SC43-11SEKWA SC43-13SEKWA	AlGaInP	601	31000	70000	0.43 inch (10.92mm), Gray Face, White Segment
SA43-11SURKWA SA43-13SURKWA	SC43-11SURKWA SC43-13SURKWA	AlGaInP	630	14000	29000	
SA43-11SYKWA SA43-13SYKWA	SC43-11SYKWA SC43-13SYKWA	AlGaInP	590	21000	50000	
SA43-11CGKWA SA43-13CGKWA	SC43-11CGKWA SC43-13CGKWA	AlGaInP	570	5600	13000	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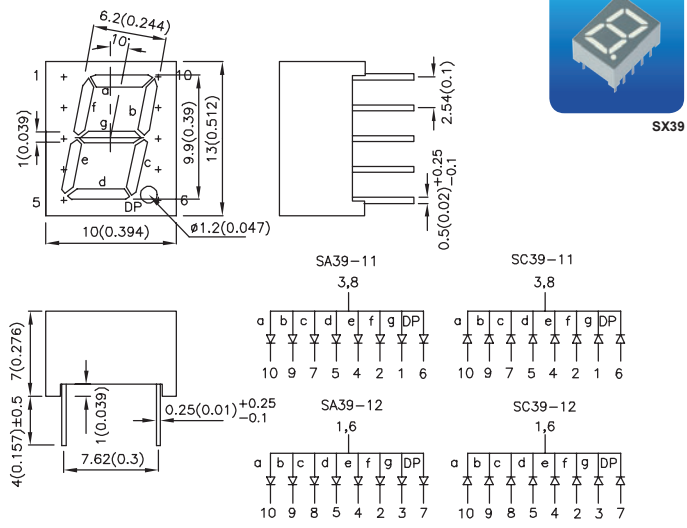

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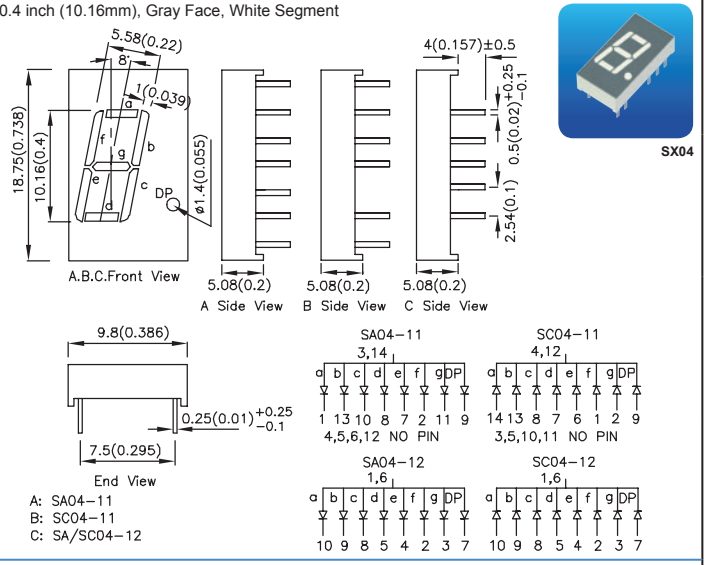

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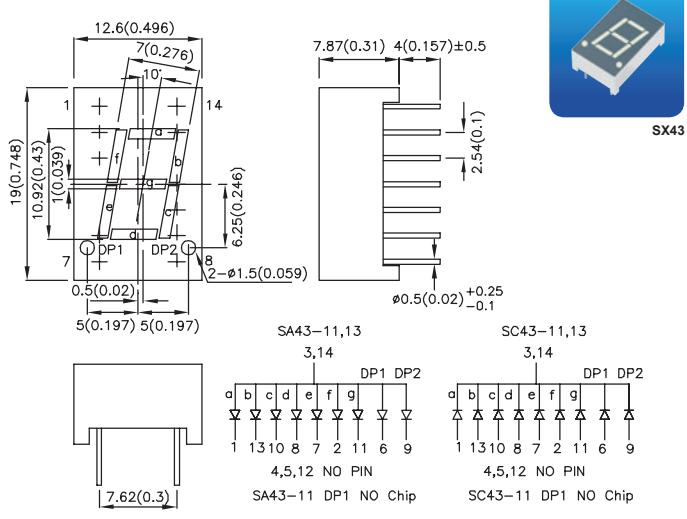
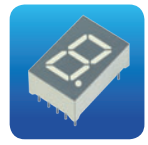
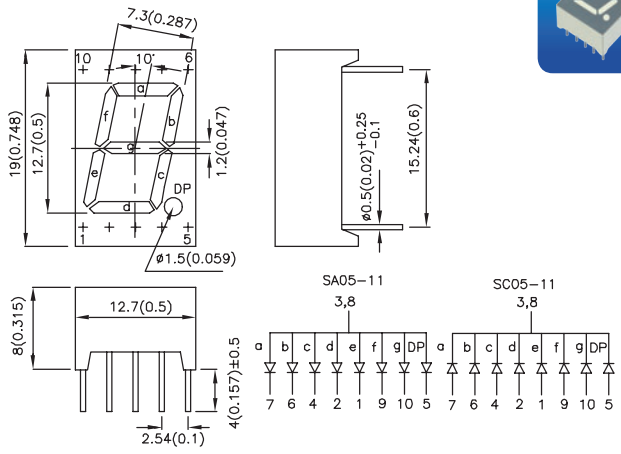
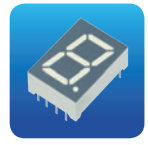
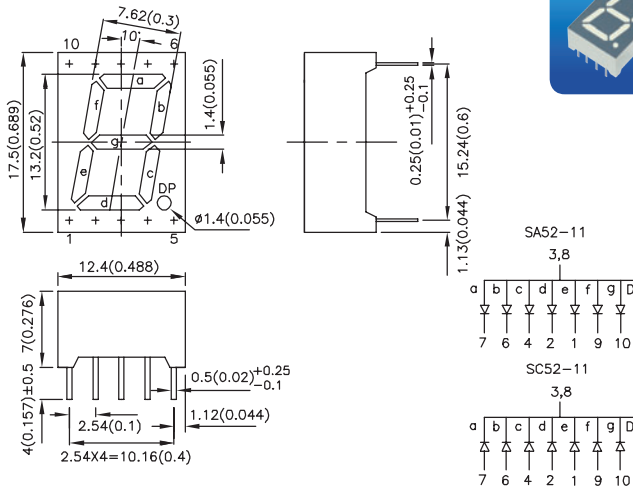
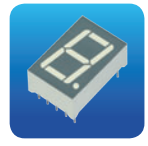
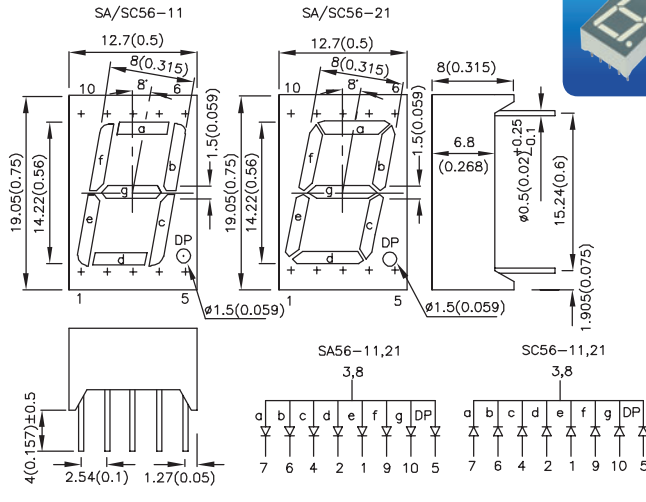


NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

SINGLE DIGIT 7-SEGMENT THROUGH-HOLE DISPLAY

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
SA05-11SEKWA	SC05-11SEKWA	AlGaInP	601	14000	28000	0.5 inch (12.7mm), Gray Face, White Segment  SX05 
SA05-11SURKWA	SC05-11SURKWA	AlGaInP	630	9000	23000	
SA05-11SYKWA	SC05-11SYKWA	AlGaInP	590	21000	40000	
SA05-11CGKWA	SC05-11CGKWA	AlGaInP	570	5600	11000	
SA52-11SEKWA	SC52-11SEKWA	AlGaInP	601	21000	48000	0.52 inch (13.2mm), Gray Face, White Segment  SX52 
SA52-11SURKWA	SC52-11SURKWA	AlGaInP	630	14000	32000	
SA52-11SYKWA	SC52-11SYKWA	AlGaInP	590	21000	45000	
SA52-11CGKWA	SC52-11CGKWA	AlGaInP	570	5600	13000	
SA56-11SEKWA SA56-21SEKWA	SC56-11SEKWA SC56-21SEKWA	AlGaInP	601	21000	40000	0.56 inch (14.2mm), Gray Face, White Segment  SX56 
SA56-11SURKWA SA56-21SURKWA	SC56-11SURKWA SC56-21SURKWA	AlGaInP	630	14000	27000	
SA56-11SYKWA SA56-21SYKWA	SC56-11SYKWA SC56-21SYKWA	AlGaInP	590	21000	48000	
SA56-11CGKWA SA56-21CGKWA	SC56-11CGKWA SC56-21CGKWA	AlGaInP	570	5600	12000	

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.

SINGLE DIGIT 7-SEGMENT THROUGH-HOLE DISPLAY

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
SA08-11SEKWA SA08-12SEKWA SA08-21SEKWA	SC08-11SEKWA SC08-12SEKWA SC08-21SEKWA	AlGaInP	601	21000	48000	0.8 inch (20.32mm), Gray Face, White Segment
SA08-11SURKWA SA08-12SURKWA SA08-21SURKWA	SC08-11SURKWA SC08-12SURKWA SC08-21SURKWA	AlGaInP	630	9000	19000	
SA08-11SYKWA SA08-12SYKWA SA08-21SYKWA	SC08-11SYKWA SC08-12SYKWA SC08-21SYKWA	AlGaInP	590	9000	18000	
SA08-11CGKWA SA08-12CGKWA SA08-21CGKWA	SC08-11CGKWA SC08-12CGKWA SC08-21CGKWA	AlGaInP	570	3600	8700	
SA10-11SEKWA SA10-21SEKWA	SC10-11SEKWA SC10-21SEKWA	AlGaInP	601	52000	150000	1.0 inch (25.4mm), Gray Face, White Segment
SA10-11SURKWA SA10-21SURKWA	SC10-11SURKWA SC10-21SURKWA	AlGaInP	630	31000	70000	
SA10-11SYKWA SA10-21SYKWA	SC10-11SYKWA SC10-21SYKWA	AlGaInP	590	52000	140000	
SA10-11CGKWA SA10-21CGKWA	SC10-11CGKWA SC10-21CGKWA	AlGaInP	570	14000	33000	

NOTES:
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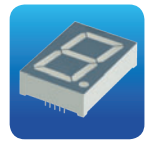
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

SINGLE DIGIT 7-SEGMENT THROUGH-HOLE DISPLAY

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
SA15-11SEKWA	SC15-11SEKWA	AlGaInP	601	52000	140000	1.5 inch (38.1mm), Gray Face, White Segment
SA15-11SURKWA	SC15-11SURKWA	AlGaInP	630	31000	62000	
SA15-11SYKWA	SC15-11SYKWA	AlGaInP	590	52000	120000	
SA15-11CGKWA	SC15-11CGKWA	AlGaInP	570	21000	40000	
SBA15-11 SURKCGKWA	SBC15-11 SURKCGKWA	AlGaInP	630	31000	62000	
		AlGaInP	570	21000	40000	
SA18-11SEKWA	SC18-11SEKWA	AlGaInP	601	88000	210000	1.75 inch (44.5mm), Gray Face, White Segment
SA18-11SURKWA	SC18-11SURKWA	AlGaInP	630	31000	90000	
SA18-11SYKWA	SC18-11SYKWA	AlGaInP	590	88000	190000	
SA18-11CGKWA	SC18-11CGKWA	AlGaInP	570	21000	50000	
SBA18-11 SURKCGKWA	SBC18-11 SURKCGKWA	AlGaInP	630	31000	90000	
		AlGaInP	570	21000	50000	



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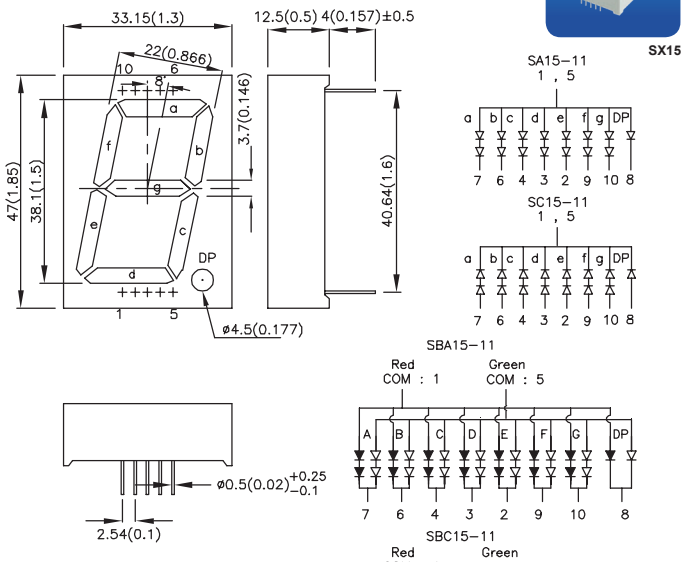

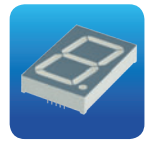

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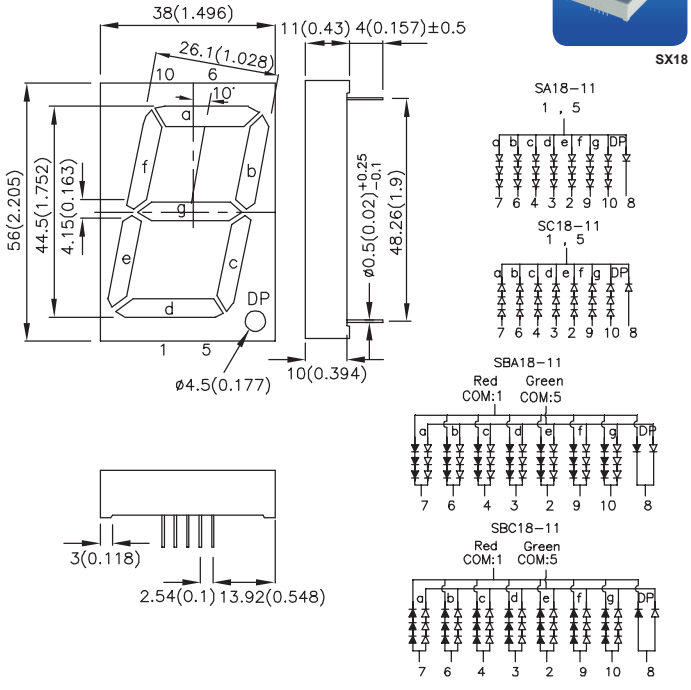
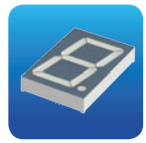


NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

SINGLE DIGIT 7-SEGMENT THROUGH-HOLE DISPLAY

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
SA23-11SEKWA SA23-12SEKWA	SC23-11SEKWA SC23-12SEKWA	AlGaInP	601	88000	190000	2.24 inch (56.9mm), Gray Face, White Segment
SA23-11SURKWA SA23-12SURKWA	SC23-11SURKWA SC23-12SURKWA	AlGaInP	630	52000	120000	
SA23-11SYKWA SA23-12SYKWA	SC23-11SYKWA SC23-12SYKWA	AlGaInP	590	88000	210000	
SA23-11CGKWA SA23-12CGKWA	SC23-11CGKWA SC23-12CGKWA	AlGaInP	570	31000	62000	
SBA23-11 SURKCGKWA	SBC23-11 SURKCGKWA	AlGaInP	630	52000	120000	
		AlGaInP	570	31000	62000	
SA40-18SEKWA SA40-19SEKWA	SC40-18SEKWA SC40-19SEKWA	AlGaInP	601	88000	180000	3.984 inch (101.2mm), Gray Face, White Segment
SA40-18SURKWA SA40-19SURKWA	SC40-18SURKWA SC40-19SURKWA	AlGaInP	630	31000	74000	
SA40-18SYKWA SA40-19SYKWA	SC40-18SYKWA SC40-19SYKWA	AlGaInP	590	52000	140000	
SA40-18CGKWA SA40-19CGKWA	SC40-18CGKWA SC40-19CGKWA	AlGaInP	570	14000	30000	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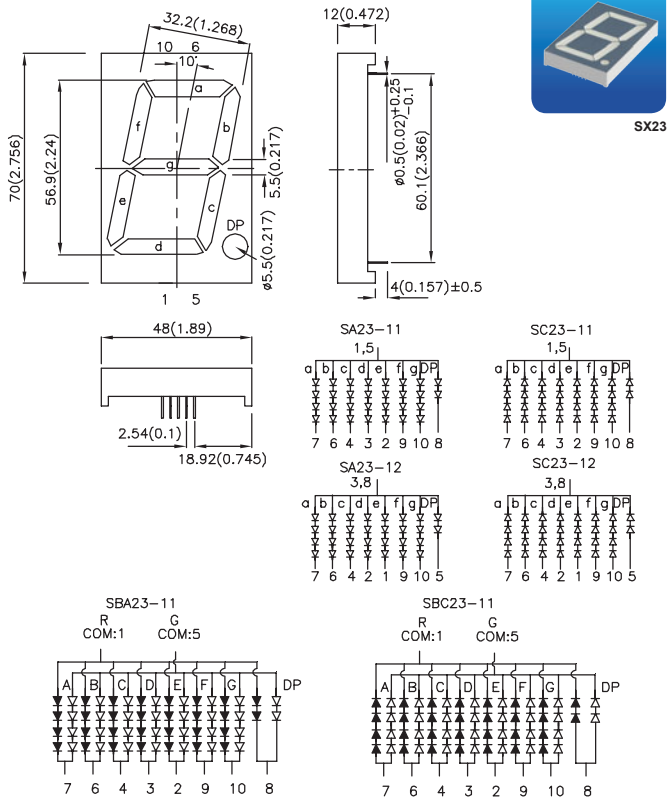

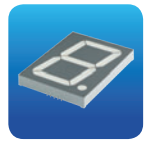
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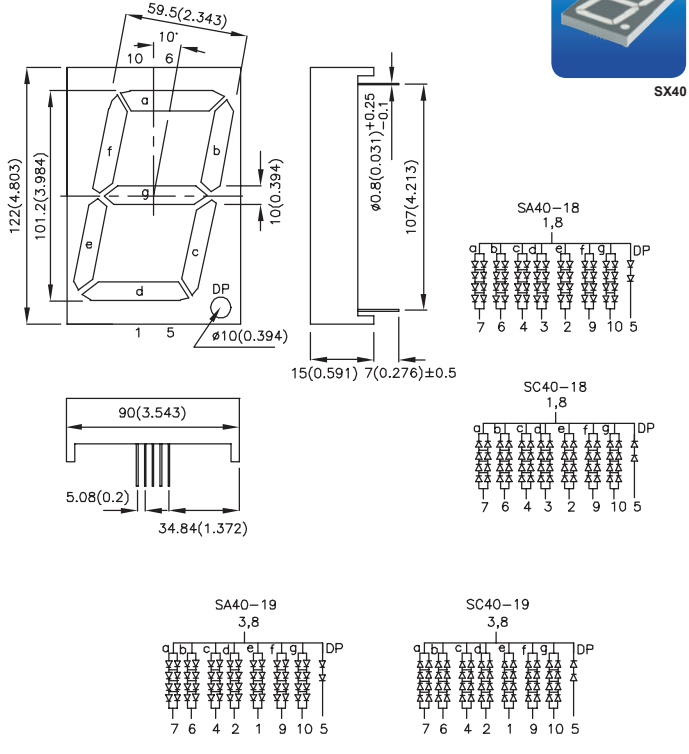
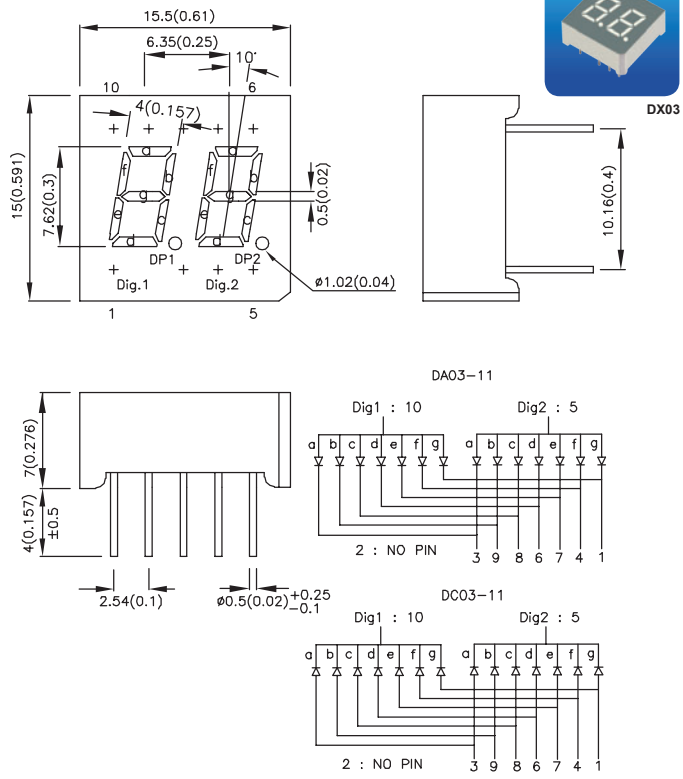


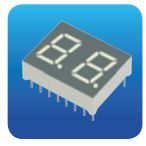
NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

DUAL DIGIT 7-SEGMENT THROUGH-HOLE DISPLAY

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
DA03-11SEKWA	DC03-11SEKWA	AlGaInP	601	9000	21000	0.3 inch (7.62mm), Gray Face, White Segment
DA03-11SURKWA	DC03-11SURKWA	AlGaInP	630	5600	13000	
DA03-11SYKWA	DC03-11SYKWA	AlGaInP	590	9000	18000	
DA03-11CGKWA	DC03-11CGKWA	AlGaInP	570	3600	6000	
DA04-11SEKWA	DC04-11SEKWA	AlGaInP	601	14000	30000	0.394 inch (10mm), Gray Face, White Segment
DA04-11SURKWA	DC04-11SURKWA	AlGaInP	630	14000	24000	
DA04-11SYKWA	DC04-11SYKWA	AlGaInP	590	14000	28000	
DA04-11CGKWA	DC04-11CGKWA	AlGaInP	570	3600	8000	

DX03





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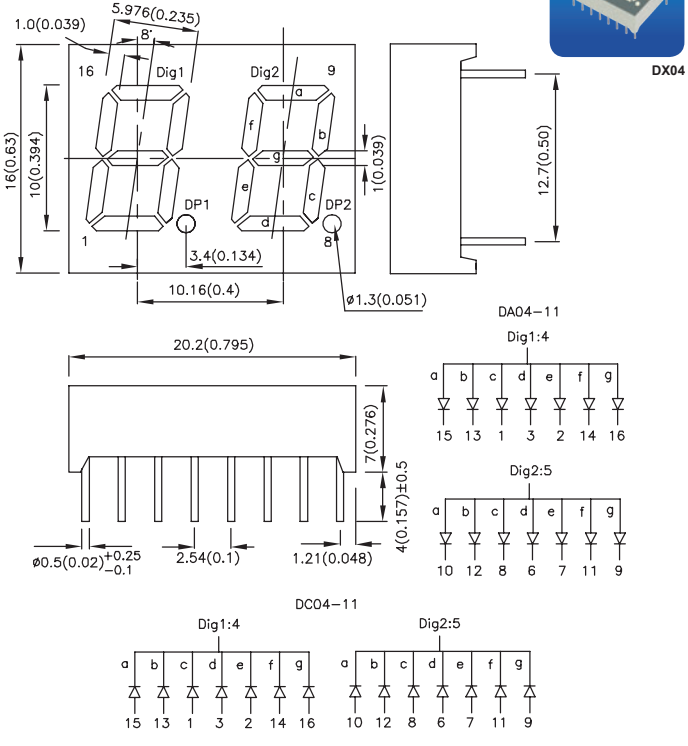
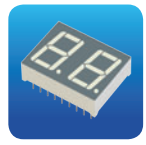


NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

DUAL DIGIT 7-SEGMENT THROUGH-HOLE DISPLAY

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
DA56-11SEKWA	DC56-11SEKWA	AlGaInP	601	21000	40000	0.56 inch (14.22mm), Gray Face, White Segment
DA56-11SURKWA	DC56-11SURKWA	AlGaInP	630	9000	24000	
DA56-11SYKWA	DC56-11SYKWA	AlGaInP	590	21000	40000	
DA56-11CGKWA	DC56-11CGKWA	AlGaInP	570	5600	12000	
DA56-51SEKWA	DC56-51SEKWA	AlGaInP	601	21000	40000	0.56 inch, (14.22mm), Gray Face, White Segment
DA56-51SURKWA	DC56-51SURKWA	AlGaInP	630	14000	30000	
DA56-51SYKWA	DC56-51SYKWA	AlGaInP	590	21000	40000	
DA56-51CGKWA	DC56-51CGKWA	AlGaInP	570	3600	7600	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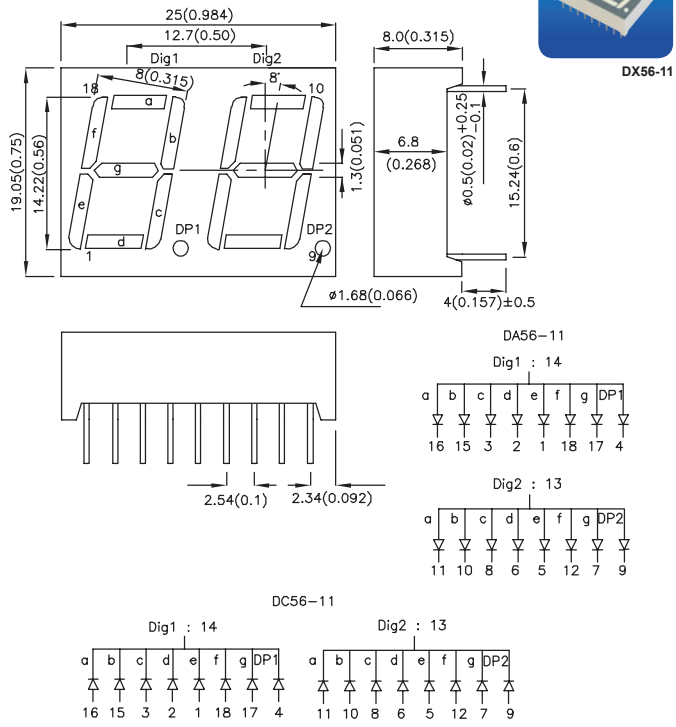

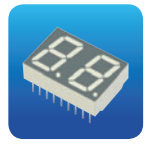
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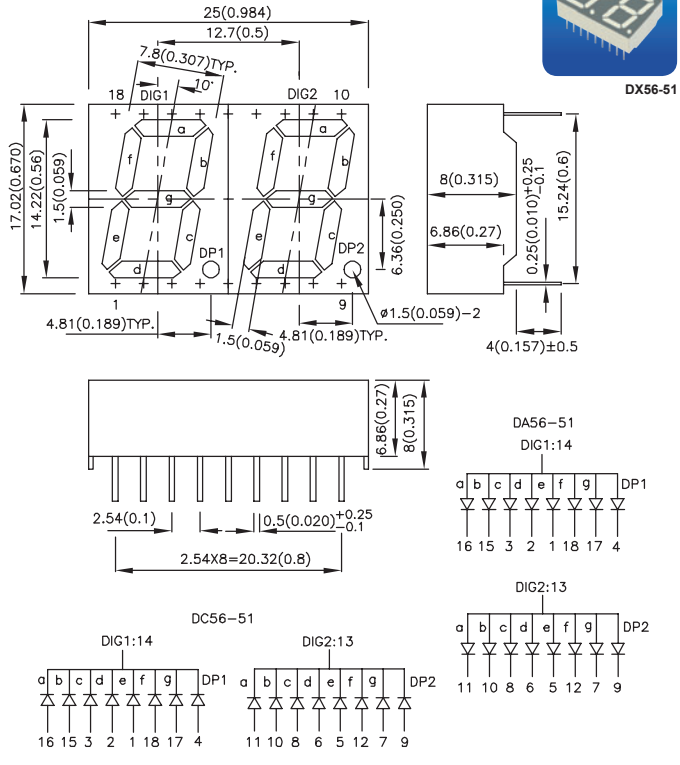
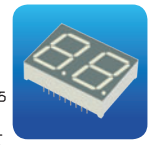
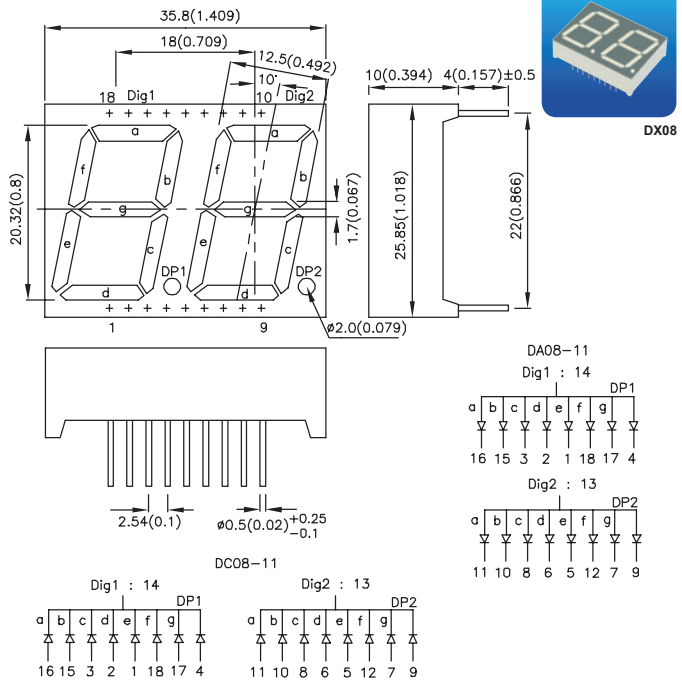


NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

DUAL DIGIT 7-SEGMENT THROUGH-HOLE DISPLAY

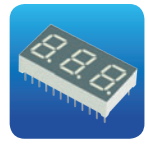
Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
DA08-11SEKWA	DC08-11SEKWA	AlGaInP	601	21000	37000	0.8 inch (20.32mm), Gray Face, White Segment
DA08-11SURKWA	DC08-11SURKWA	AlGaInP	630	9000	21000	
DA08-11SYKWA	DC08-11SYKWA	AlGaInP	590	14000	30000	
DA08-11CGKWA	DC08-11CGKWA	AlGaInP	570	5600	12000	


DX08



THREE DIGIT 7-SEGMENT THROUGH-HOLE DISPLAY

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
BA04-11SEKWA	BC04-11SEKWA	AlGaInP	601	21000	48000	0.4 inch (10.2mm), Gray Face, White Segment
BA04-11SURKWA	BC04-11SURKWA	AlGaInP	630	14000	24000	
BA04-11SYKWA	BC04-11SYKWA	AlGaInP	590	14000	30000	
BA04-11CGKWA	BC04-11CGKWA	AlGaInP	570	3600	7000	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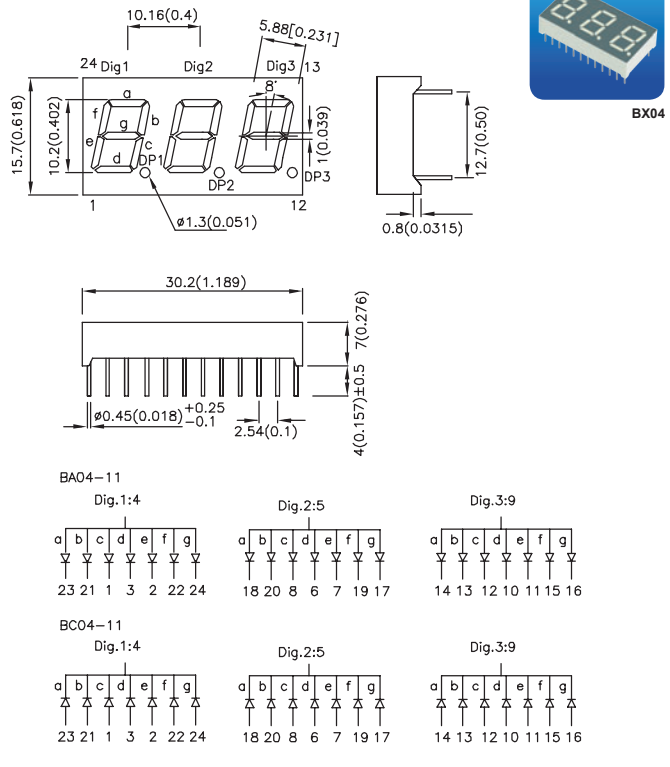
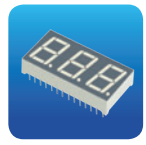
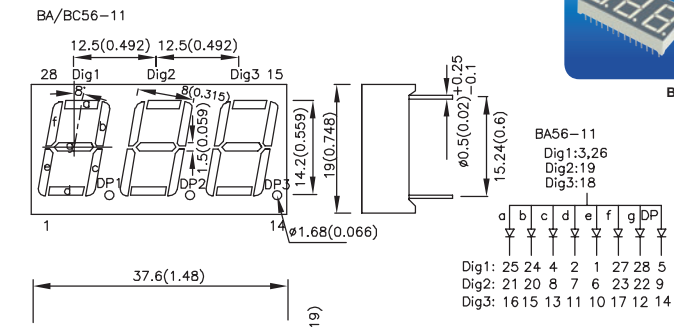


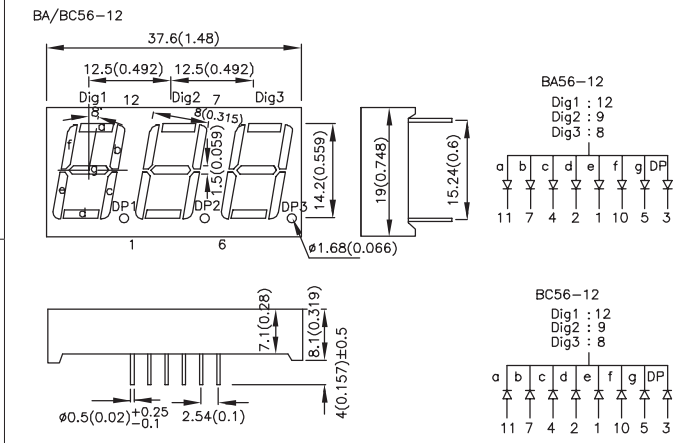
NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

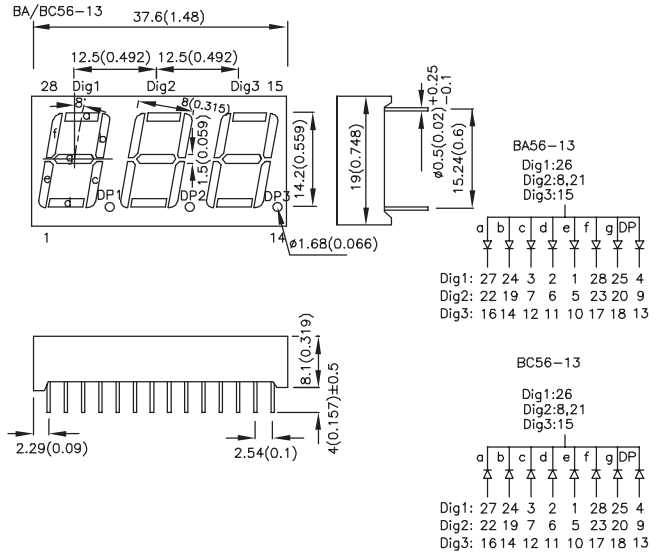
THREE DIGIT 7-SEGMENT THROUGH-HOLE DISPLAY

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
BA56-11SEKWA BA56-12SEKWA BA56-13SEKWA	BC56-11SEKWA BC56-12SEKWA BC56-13SEKWA	AlGaInP	601	21000	39000	0.56 inch (14.22mm), Gray Face, White Segment
BA56-11SURKWA BA56-12SURKWA BA56-13SURKWA	BC56-11SURKWA BC56-12SURKWA BC56-13SURKWA	AlGaInP	630	9000	22000	
BA56-11SYKWA BA56-12SYKWA BA56-13SYKWA	BC56-11SYKWA BC56-12SYKWA BC56-13SYKWA	AlGaInP	590	21000	39000	
BA56-11CGKWA BA56-12CGKWA BA56-13CGKWA	BC56-11CGKWA BC56-12CGKWA BC56-13CGKWA	AlGaInP	570	5600	11000	





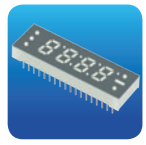


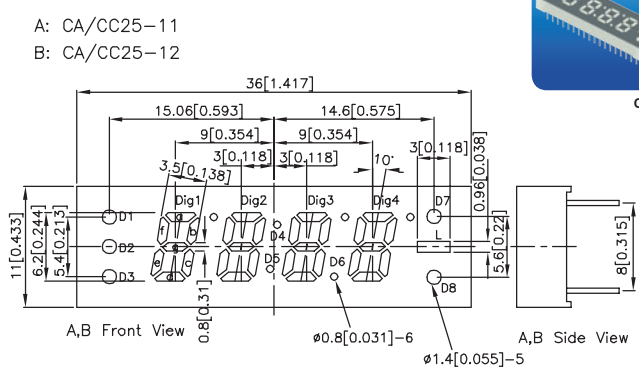


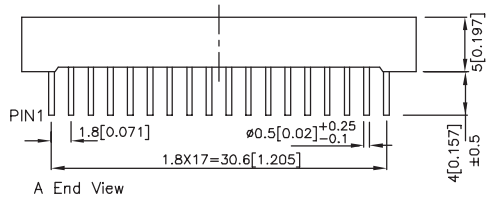
NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

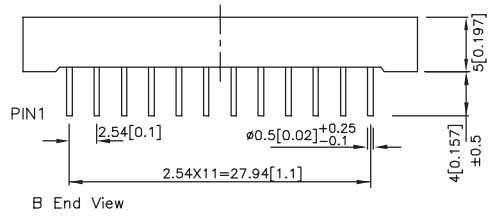
FOUR DIGIT 7-SEGMENT THROUGH-HOLE DISPLAY

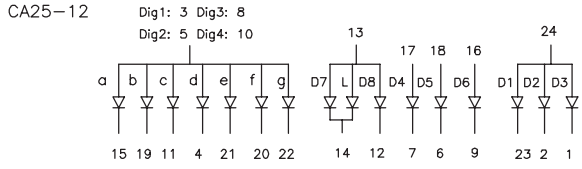
Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
CA25-11SEKWA CA25-12SEKWA	CC25-11SEKWA CC25-12SEKWA	AlGaInP	601	21000	55000	0.244 inch (6.2mm), Gray Face, White Segment
CA25-11SURKWA CA25-12SURKWA	CC25-11SURKWA CC25-12SURKWA	AlGaInP	630	14000	24000	
CA25-11SYKWA CA25-12SYKWA	CC25-11SYKWA CC25-12SYKWA	AlGaInP	590	14000	35000	
CA25-11CGKWA CA25-12CGKWA	CC25-11CGKWA CC25-12CGKWA	AlGaInP	570	3600	10000	

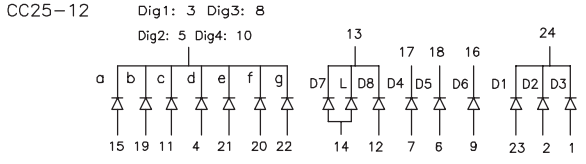


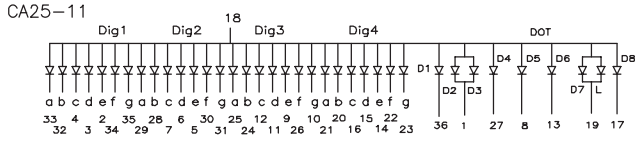


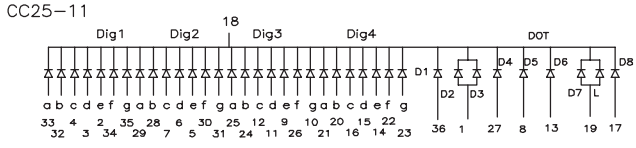








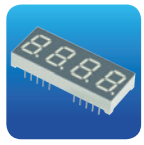


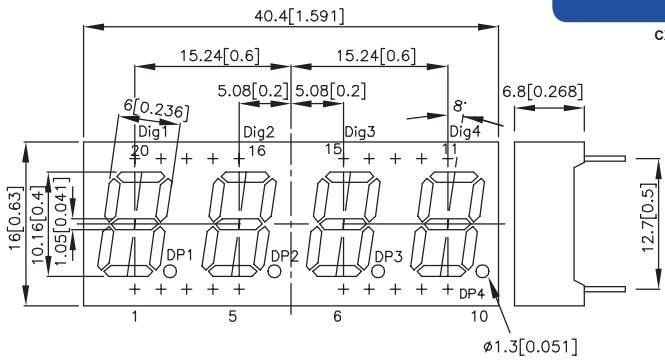


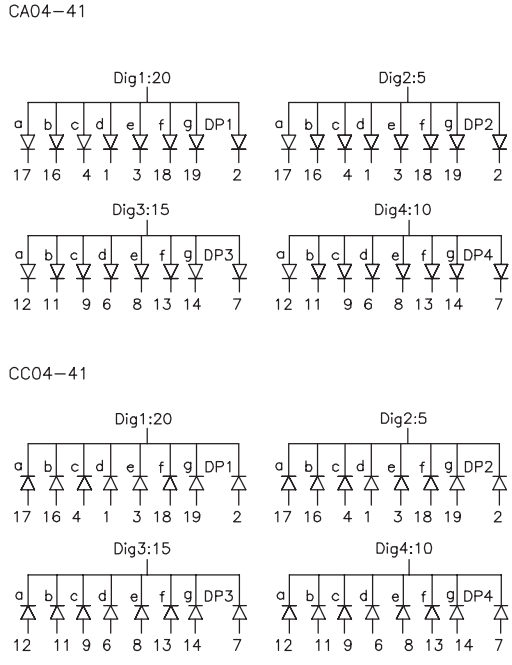
NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

FOUR DIGIT 7-SEGMENT THROUGH-HOLE DISPLAY

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
CA04-41SEKWA	CC04-41SEKWA	AlGaInP	601	21000	45000	0.4 inch (10.16mm), Gray Face, White Segment
CA04-41SURKWA	CC04-41SURKWA	AlGaInP	630	9000	22000	
CA04-41SYKWA	CC04-41SYKWA	AlGaInP	590	14000	36000	
CA04-41CGKWA	CC04-41CGKWA	AlGaInP	570	3600	9000	



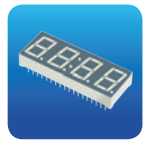


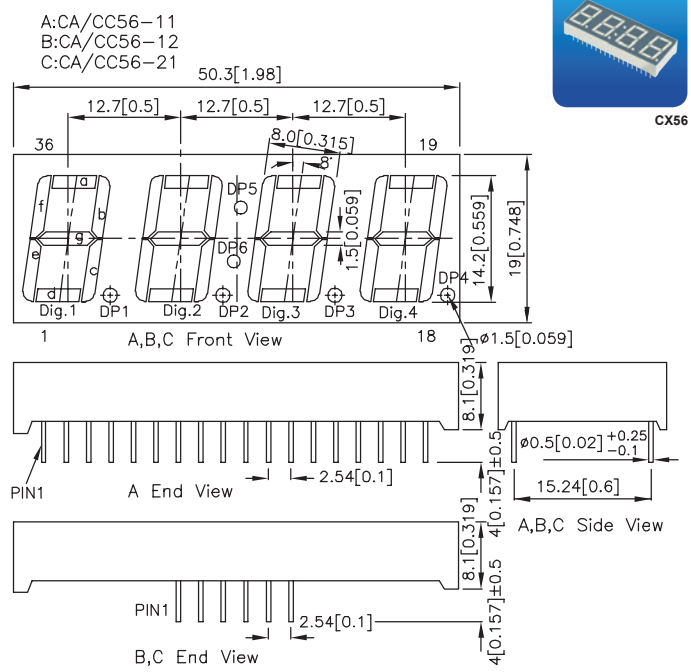


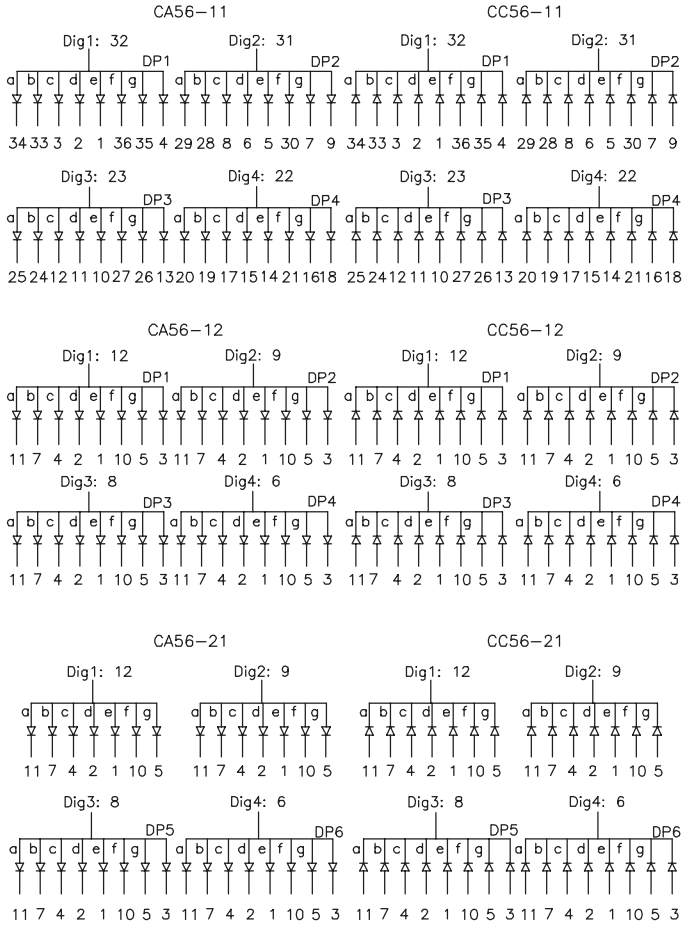
NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

FOUR DIGIT 7-SEGMENT THROUGH-HOLE DISPLAY

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
CA56-11SEKWA CA56-12SEKWA CA56-21SEKWA	CC56-11SEKWA CC56-12SEKWA CC56-21SEKWA	AlGaInP	601	21000	41000	0.56 inch (14.22mm), Gray Face, White Segment
CA56-11SURKWA CA56-12SURKWA CA56-21SURKWA	CC56-11SURKWA CC56-12SURKWA CC56-21SURKWA	AlGaInP	630	14000	24000	
CA56-11SYKWA CA56-12SYKWA CA56-21SYKWA	CC56-11SYKWA CC56-12SYKWA CC56-21SYKWA	AlGaInP	590	21000	40000	
CA56-11CGKWA CA56-12CGKWA CA56-21CGKWA	CC56-11CGKWA CC56-12CGKWA CC56-21CGKWA	AlGaInP	570	5600	12000	



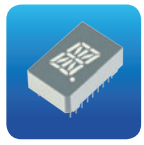




NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

ALPHANUMERIC THROUGH-HOLE DISPLAY

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
PSA05-11SEKWA PSA05-12SEKWA	PSC05-11SEKWA PSC05-12SEKWA	AlGaInP	601	21000	43000	0.5 inch (12.7mm), Gray Face, White Segment
PSA05-11SURKWA PSA05-12SURKWA	PSC05-11SURKWA PSC05-12SURKWA	AlGaInP	630	14000	31000	
PSA05-11SYKWA PSA05-12SYKWA	PSC05-11SYKWA PSC05-12SYKWA	AlGaInP	590	21000	48000	
PSA05-11CGKWA PSA05-12CGKWA	PSC05-11CGKWA PSC05-12CGKWA	AlGaInP	570	5600	13000	
PSA08-11SEKWA PSA08-12SEKWA	PSC08-11SEKWA PSC08-12SEKWA	AlGaInP	601	21000	34000	0.8 inch (20.32mm), Gray Face, White Segment
PSA08-11SURKWA PSA08-12SURKWA	PSC08-11SURKWA PSC08-12SURKWA	AlGaInP	630	9000	21000	
PSA08-11SYKWA PSA08-12SYKWA	PSC08-11SYKWA PSC08-12SYKWA	AlGaInP	590	21000	37000	
PSA08-11CGKWA PSA08-12CGKWA	PSC08-11CGKWA PSC08-12CGKWA	AlGaInP	570	3600	9000	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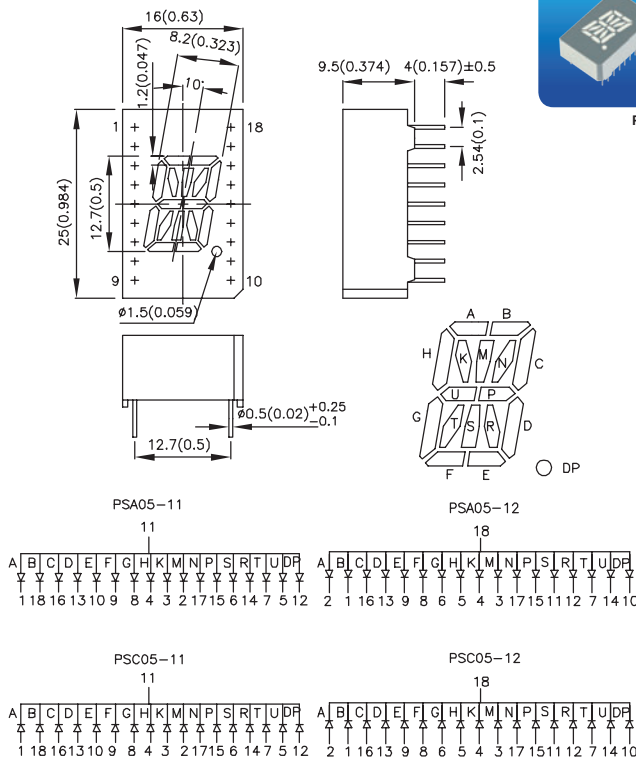

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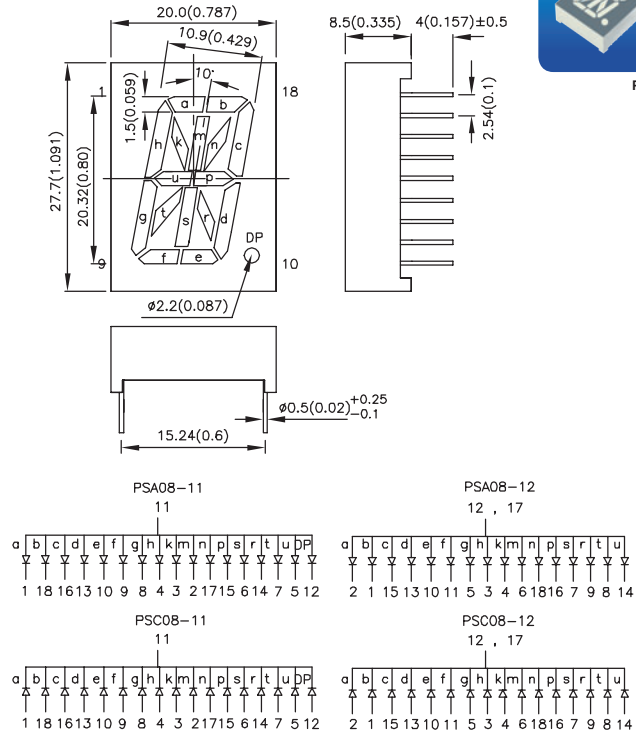
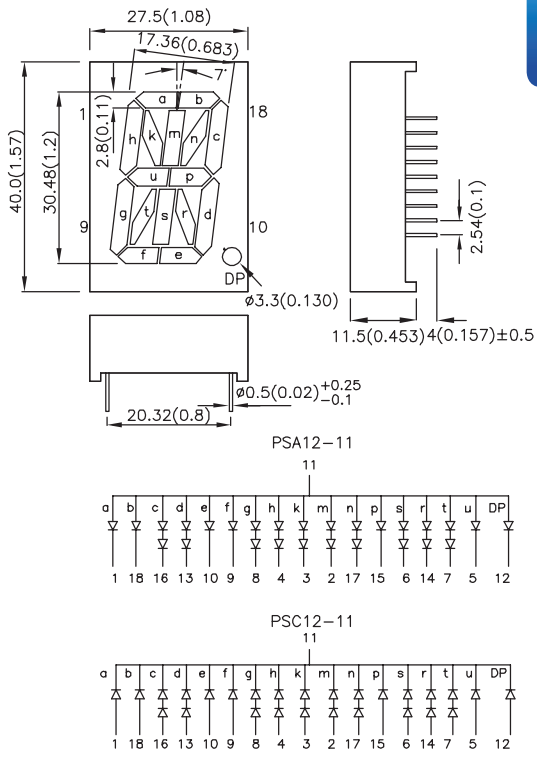


NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

ALPHANUMERIC THROUGH-HOLE DISPLAY

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
PSA12-11SEKWA	PSC12-11SEKWA	AlGaInP	601	21000	37000	1.2 inch (30.48mm), Gray Face, White Segment
PSA12-11SURKWA	PSC12-11SURKWA	AlGaInP	630	9000	22000	
PSA12-11SYKWA	PSC12-11SYKWA	AlGaInP	590	14000	25000	
PSA12-11CGKWA	PSC12-11CGKWA	AlGaInP	570	3600	9000	
PSA23-11SEKWA	PSC23-11SEKWA	AlGaInP	601	21000	51000	2.24 inch (56.8mm), Gray Face, White Segment
PSA23-11SURKWA	PSC23-11SURKWA	AlGaInP	630	9000	25000	
PSA23-11SYKWA	PSC23-11SYKWA	AlGaInP	590	21000	49000	
PSA23-11CGKWA	PSC23-11CGKWA	AlGaInP	570	5600	14000	

PSX12



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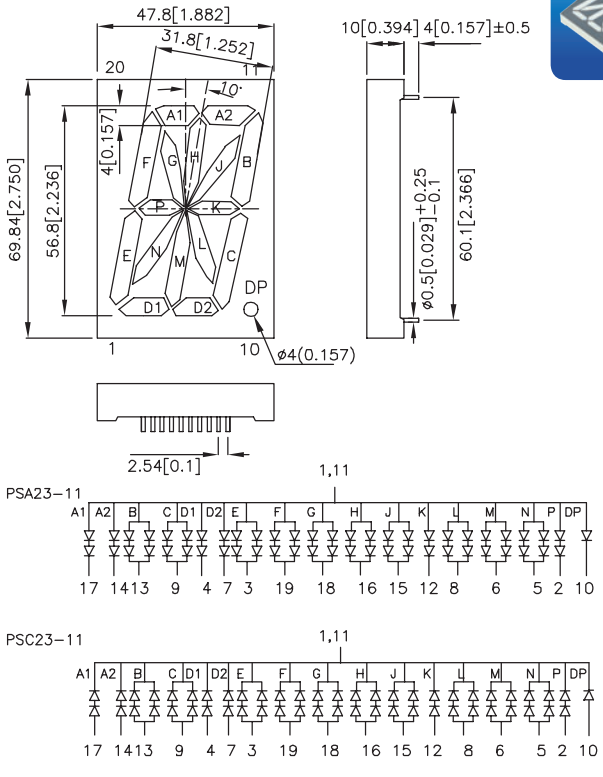
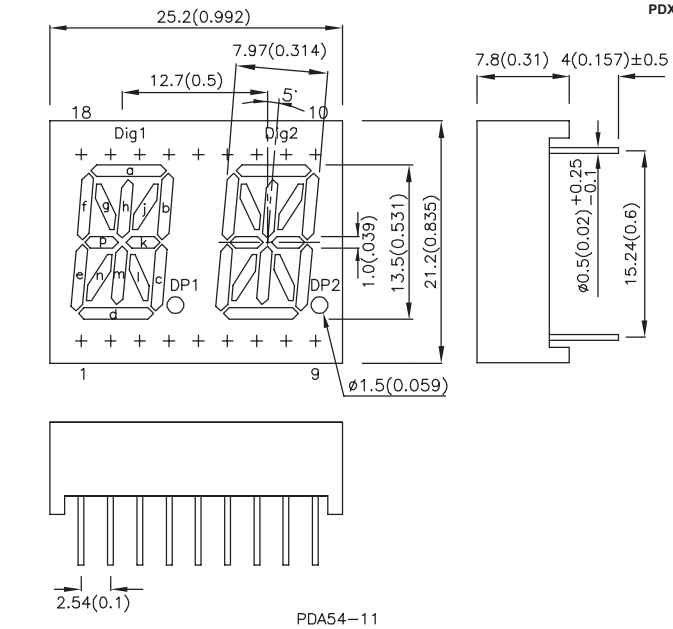


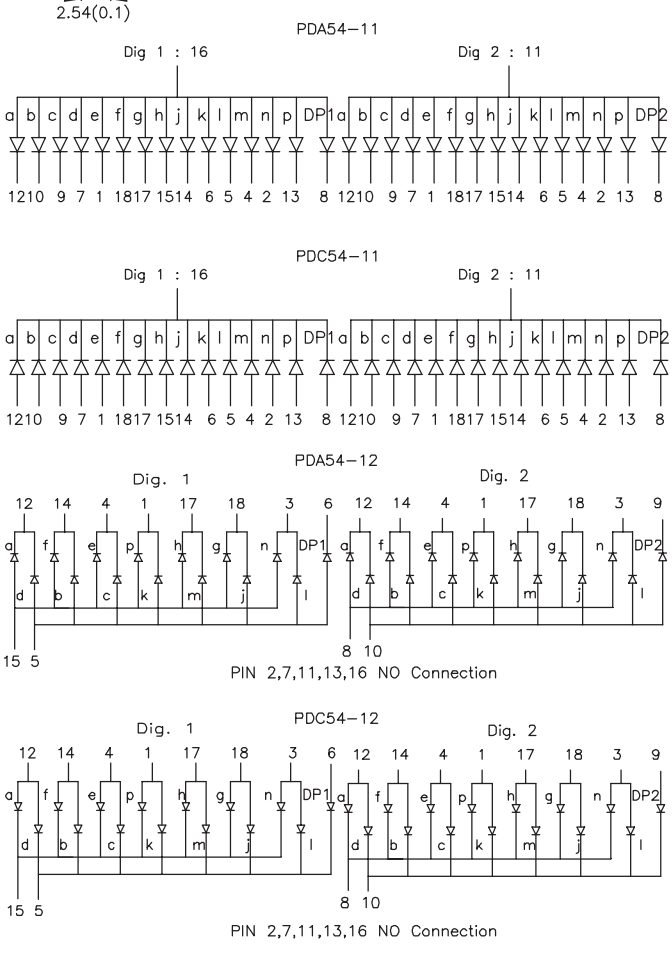
NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

ALPHANUMERIC THROUGH-HOLE DISPLAY

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Common Anode	Common Cathode			Min.	Typ.	
PDA54-11SEKWA PDA54-12SEKWA	PDC54-11SEKWA PDC54-12SEKWA	AlGaInP	601	21000	40000	0.543inch (13.8mm), Gray Face, White Segment
PDA54-11SURKWA PDA54-12SURKWA	PDC54-11SURKWA PDC54-12SURKWA	AlGaInP	630	9000	23000	
PDA54-11SYKWA PDA54-12SYKWA	PDC54-11SYKWA PDC54-12SYKWA	AlGaInP	590	14000	29000	
PDA54-11CGKWA PDA54-12CGKWA	PDC54-11CGKWA PDC54-12CGKWA	AlGaInP	570	3600	8000	

PDX54



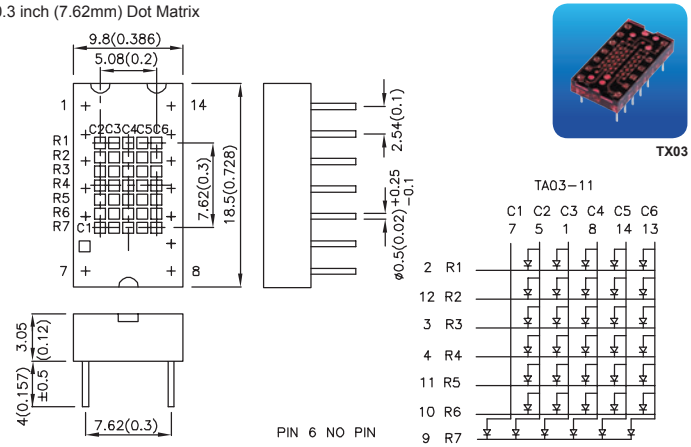


NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

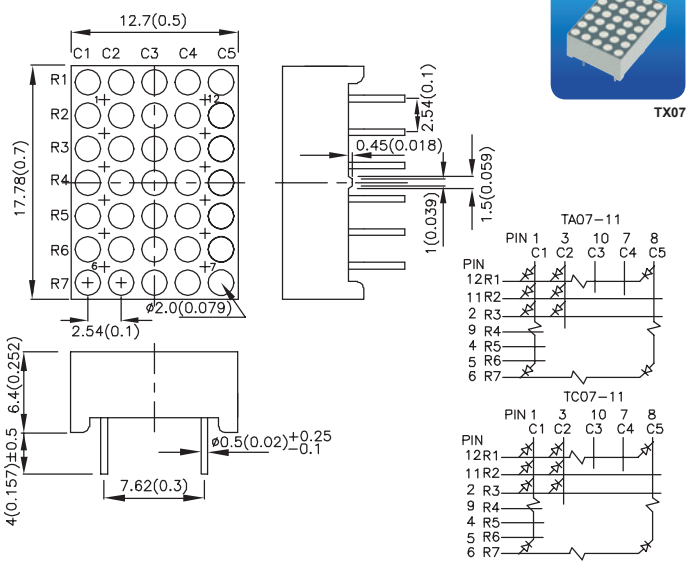
DOT MATRIX

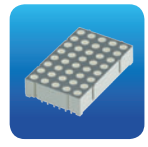
Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Column Anode	Column Cathode			Min.	Typ.	
TA03-11SRT	/	GaAlAs	640	3600	7500	0.3 inch (7.62mm) Dot Matrix
TA03-11GT	/	GaP	568	1400	3000	
TA07-11SEKWA	TC07-11SEKWA	AlGaInP	601	21000	42000	0.7 inch (18mm), 5x7, Gray Face, White Dot
TA07-11SURKWA	TC07-11SURKWA	AlGaInP	630	14000	24000	
TA07-11SYKWA	TC07-11SYKWA	AlGaInP	590	21000	47000	
TA07-11CGKWA	TC07-11CGKWA	AlGaInP	570	5600	12000	
TA16-11SEKWA	TC16-11SEKWA	AlGaInP	601	31000	65000	1.38 inch (35.2mm), 5x8, Gray Face, White Dot
TA16-11SURKWA	TC16-11SURKWA	AlGaInP	630	21000	36000	
TA16-11SYKWA	TC16-11SYKWA	AlGaInP	590	31000	60000	
TA16-11CGKWA	TC16-11CGKWA	AlGaInP	570	9000	16000	

TX03



TX07

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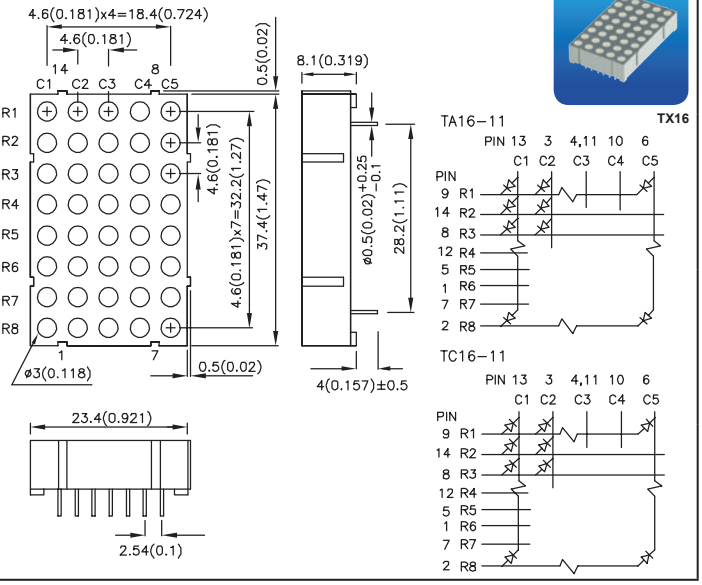
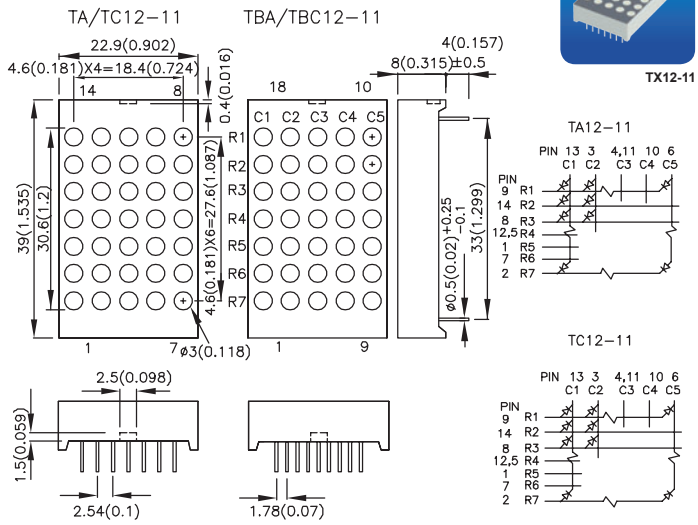
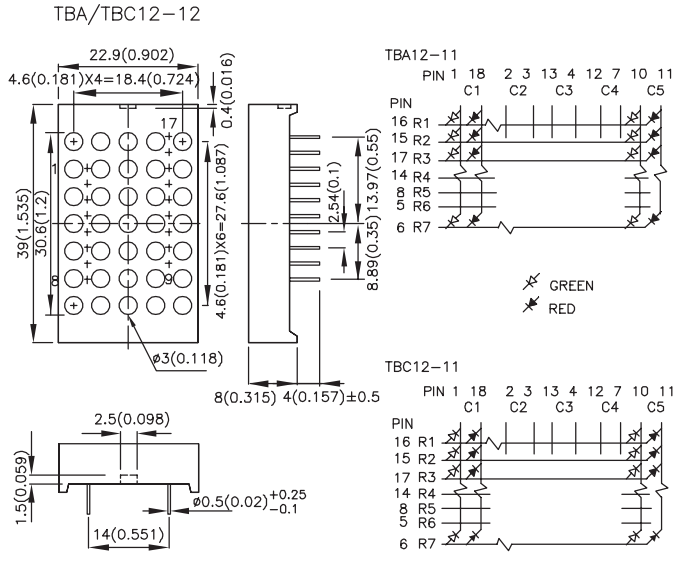


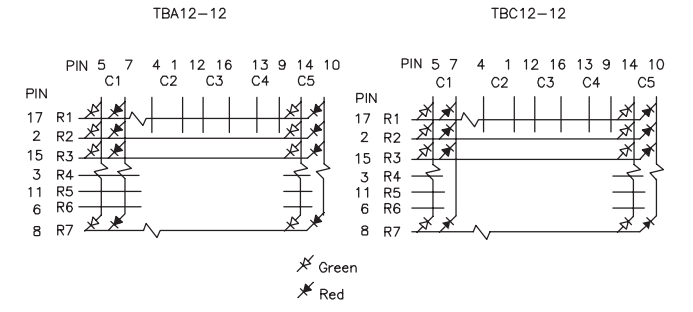
NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

DOT MATRIX

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Column Anode	Column Cathode			Min.	Typ.	
TA12-11SEKWA	TC12-11SEKWA	AlGaInP	601	31000	75000	1.2 inch (30mm), 5x7, Gray Face, White Dot
TA12-11SURKWA	TC12-11SURKWA	AlGaInP	630	21000	40000	
TA12-11SYKWA	TC12-11SYKWA	AlGaInP	590	31000	70000	
TA12-11CGKWA	TC12-11CGKWA	AlGaInP	570	14000	27000	
TBA12-11 SURKCGKWA	TBC12-11 SURKCGKWA	AlGaInP	630	21000	40000	
		AlGaInP	570	14000	27000	
TBA12-12 SURKCGKWA	TBC12-12 SURKCGKWA	AlGaInP	630	21000	40000	
		AlGaInP	570	14000	27000	



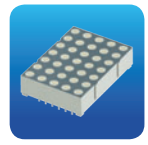


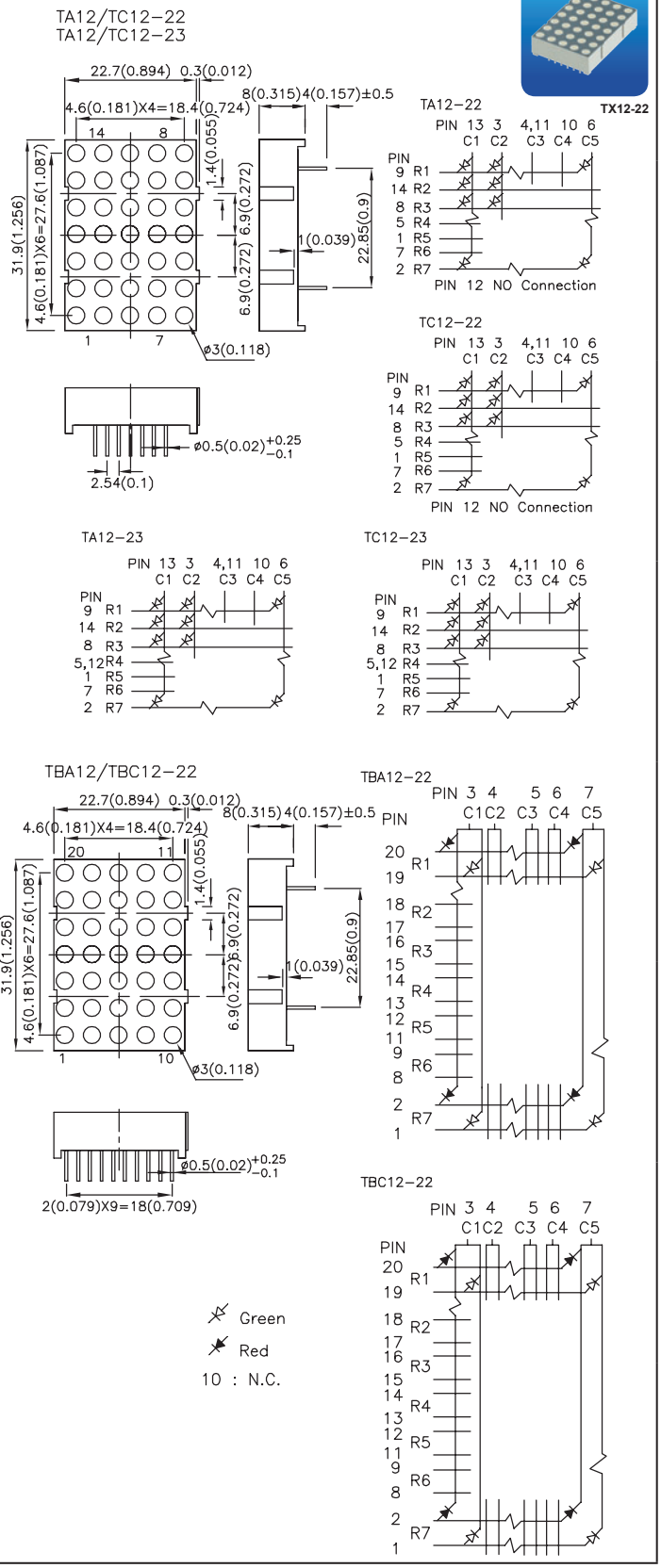


NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

DOT MATRIX

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Column Anode	Column Cathode			Min.	Typ.	
TA12-22SEKWA	TC12-22SEKWA	AlGaInP	601	31000	75000	1.2 inch (30mm), 5x7, Gray Face, White Dot
TA12-22SURKWA	TC12-22SURKWA	AlGaInP	630	21000	40000	
TA12-22SYKWA	TC12-22SYKWA	AlGaInP	590	31000	70000	
TA12-22CGKWA	TC12-22CGKWA	AlGaInP	570	14000	27000	
TBA12-22 SURKCGKWA	TBC12-22 SURKCGKWA	AlGaInP	630	21000	40000	
		AlGaInP	570	14000	27000	
TA12-23SRWA	TC12-23SRWA	GaAlAs	640	5600	14000	
TA12-23YWA	TC12-23YWA	GaAsP/GaP	588	2200	4600	



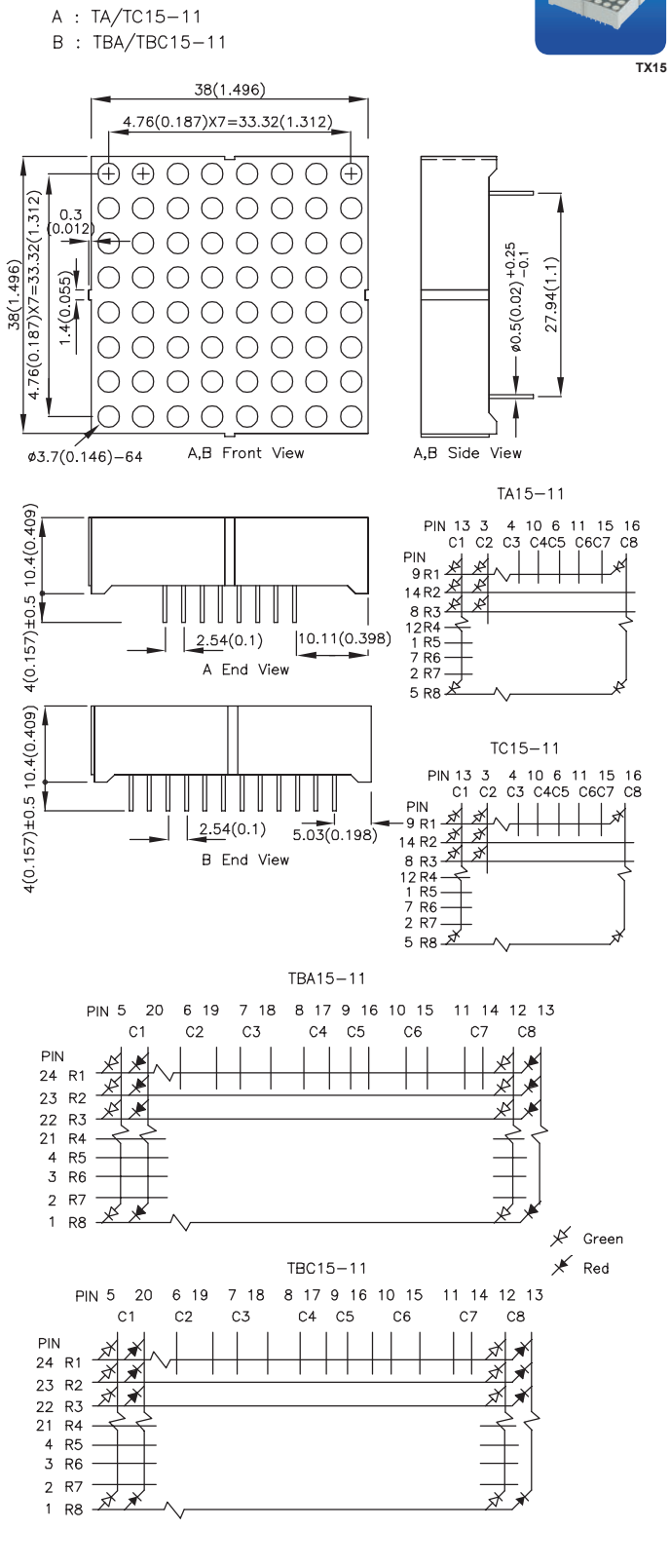


NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

DOT MATRIX

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Column Anode	Column Cathode			Min.	Typ.	
TA15-11SEKWA	TC15-11SEKWA	AlGaInP	601	21000	57000	1.5 inch (38mm), 8x8, Gray Face, White Dot
TA15-11SURKWA	TC15-11SURKWA	AlGaInP	630	21000	41000	
TA15-11SYKWA	TC15-11SYKWA	AlGaInP	590	31000	70000	
TA15-11CGKWA	TC15-11CGKWA	AlGaInP	570	9000	18000	
TBA15-11 SURKCGKWA	TBC15-11 SURKCGKWA	AlGaInP	630	21000	41000	
		AlGaInP	570	9000	18000	

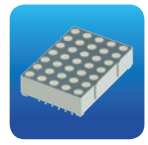
TX15

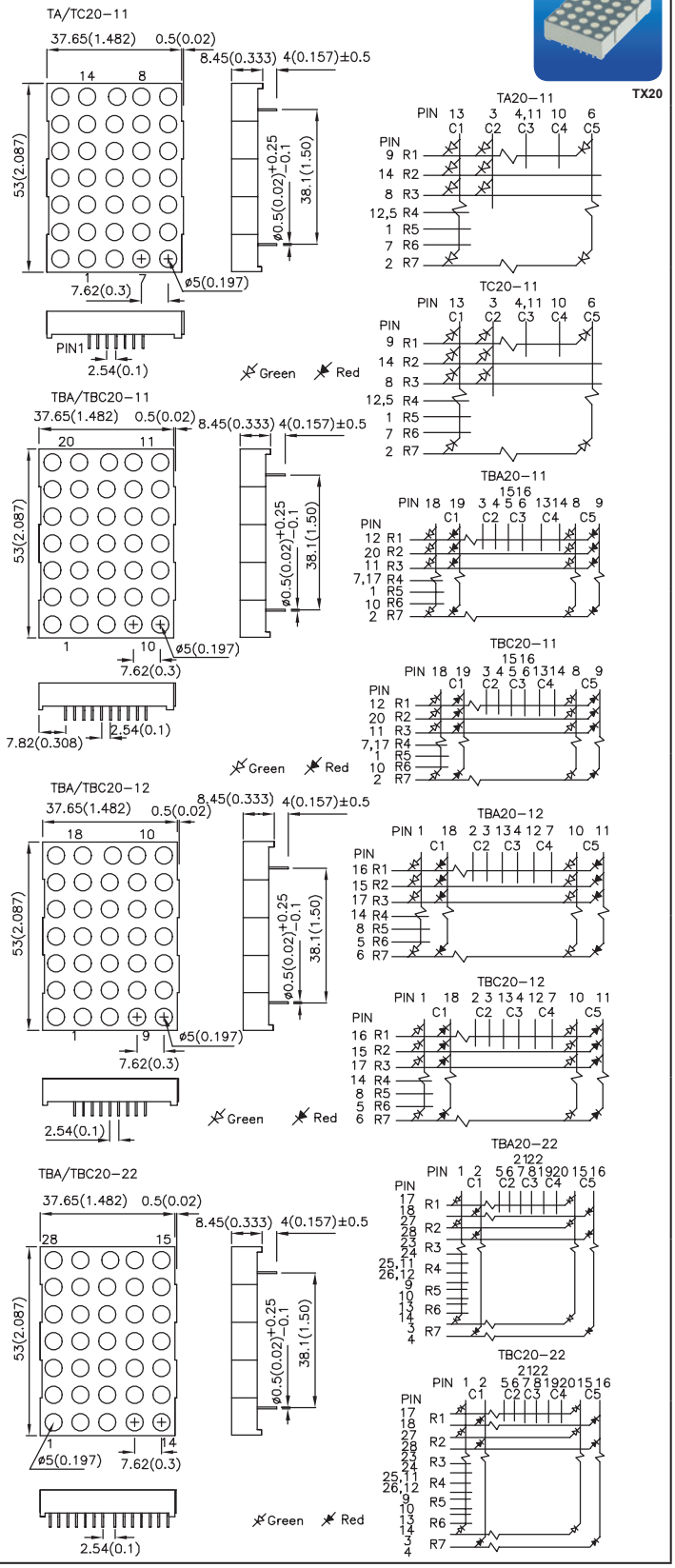


NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

DOT MATRIX

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Column Anode	Column Cathode			Min.	Typ.	
TA20-11SEKWA	TC20-11SEKWA	AlGaInP	601	31000	71000	2.0 inch (50mm), 5x7, Gray Face, White Dot
TA20-11SURKWA	TC20-11SURKWA	AlGaInP	630	21000	42000	
TA20-11SYKWA	TC20-11SYKWA	AlGaInP	590	21000	51000	
TA20-11CGKWA	TC20-11CGKWA	AlGaInP	570	9000	20000	
TBA20-11 SURKCGKWA	TBC20-11 SURKCGKWA	AlGaInP	630	21000	42000	
		AlGaInP	570	9000	20000	
TBA20-12 SURKCGKWA	TBC20-12 SURKCGKWA	AlGaInP	630	21000	42000	
		AlGaInP	570	9000	20000	
TBA20-22 SURKCGKWA	TBC20-22 SURKCGKWA	AlGaInP	630	21000	42000	
		AlGaInP	570	9000	20000	

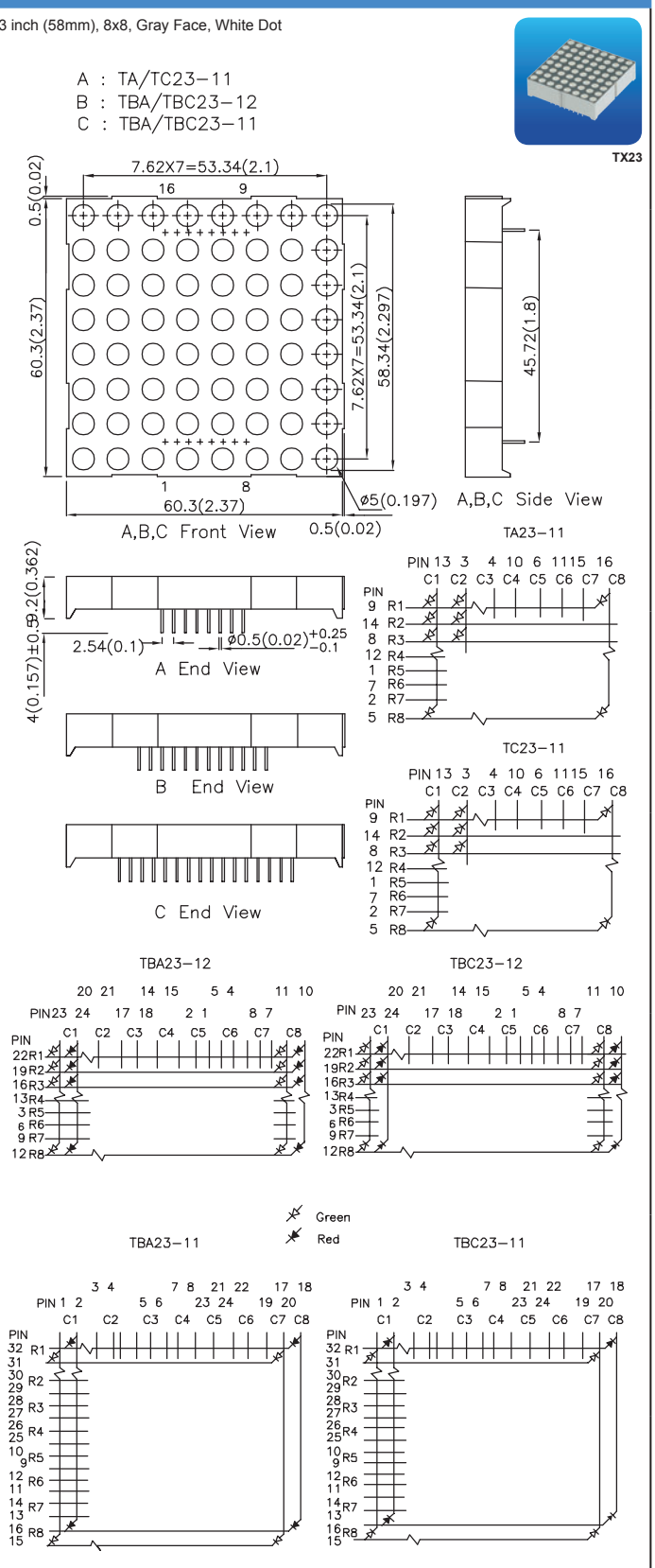

TX20



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.

DOT MATRIX

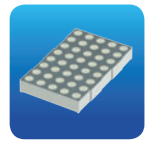
Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Column Anode	Column Cathode			Min.	Typ.	
TA23-11SEKWA	TC23-11SEKWA	AlGaInP	601	31000	63000	
TA23-11SURKWA	TC23-11SURKWA	AlGaInP	630	21000	33000	
TA23-11SYKWA	TC23-11SYKWA	AlGaInP	590	31000	60000	
TA23-11CGKWA	TC23-11CGKWA	AlGaInP	570	5600	14000	
TBA23-11 SURKCGKWA	TBC23-11 SURKCGKWA	AlGaInP	630	21000	33000	
		AlGaInP	570	5600	14000	
TBA23-12 SURKCGKWA	TBC23-12 SURKCGKWA	AlGaInP	630	21000	33000	
		AlGaInP	570	5600	14000	

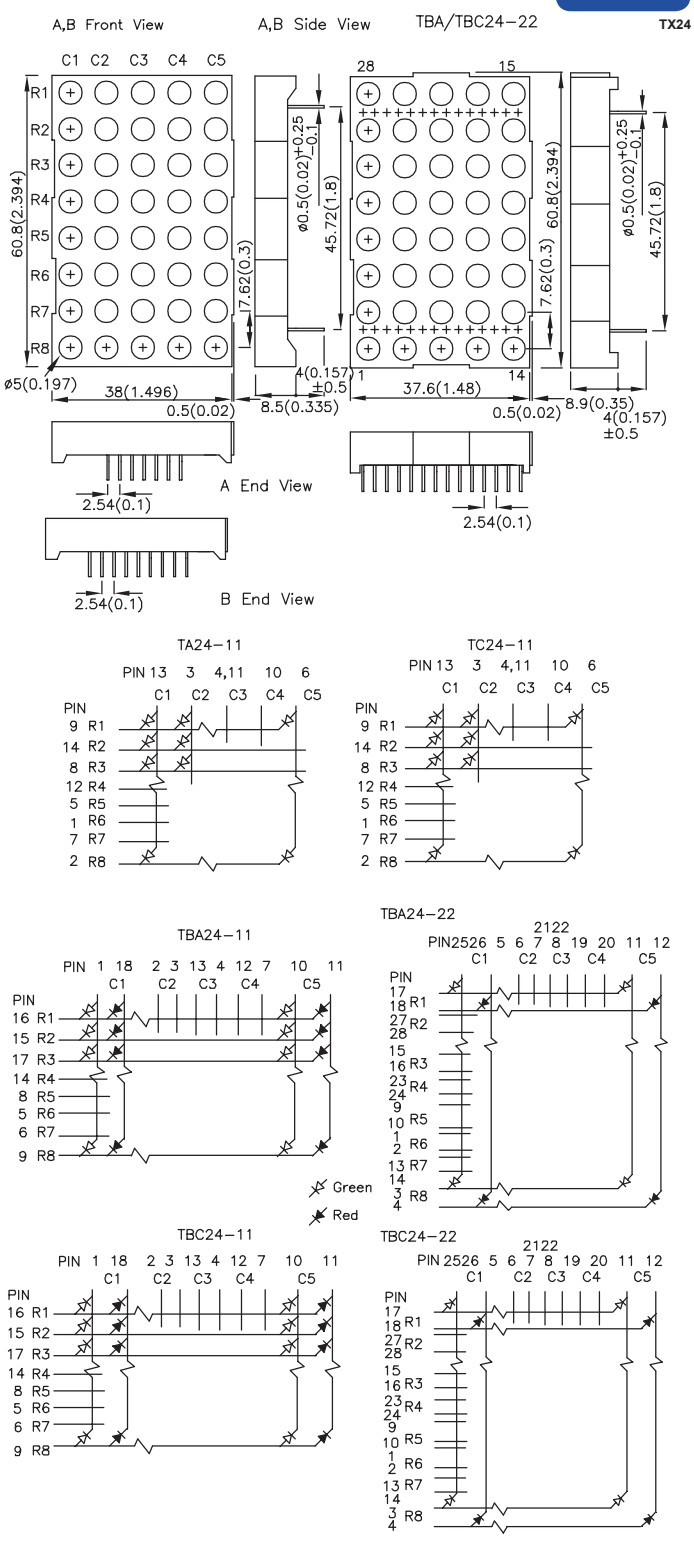


NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

DOT MATRIX

Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Column Anode	Column Cathode			Min.	Typ.	
TA24-11SEKWA	TC24-11SEKWA	AlGaInP	601	31000	65000	2.4 inch (60.8mm), 5x8, Gray Face, White Dot
TA24-11SURKWA	TC24-11SURKWA	AlGaInP	630	21000	49000	
TA24-11SYKWA	TC24-11SYKWA	AlGaInP	590	31000	70000	
TA24-11CGKWA	TC24-11CGKWA	AlGaInP	570	9000	17000	
TBA24-11 SURKCGKWA	TBC24-11 SURKCGKWA	AlGaInP	630	21000	49000	
		AlGaInP	570	9000	17000	
TBA24-22 SURKCGKWA	TBC24-22 SURKCGKWA	AlGaInP	630	21000	49000	
		AlGaInP	570	9000	17000	

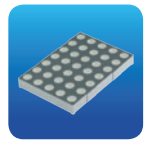


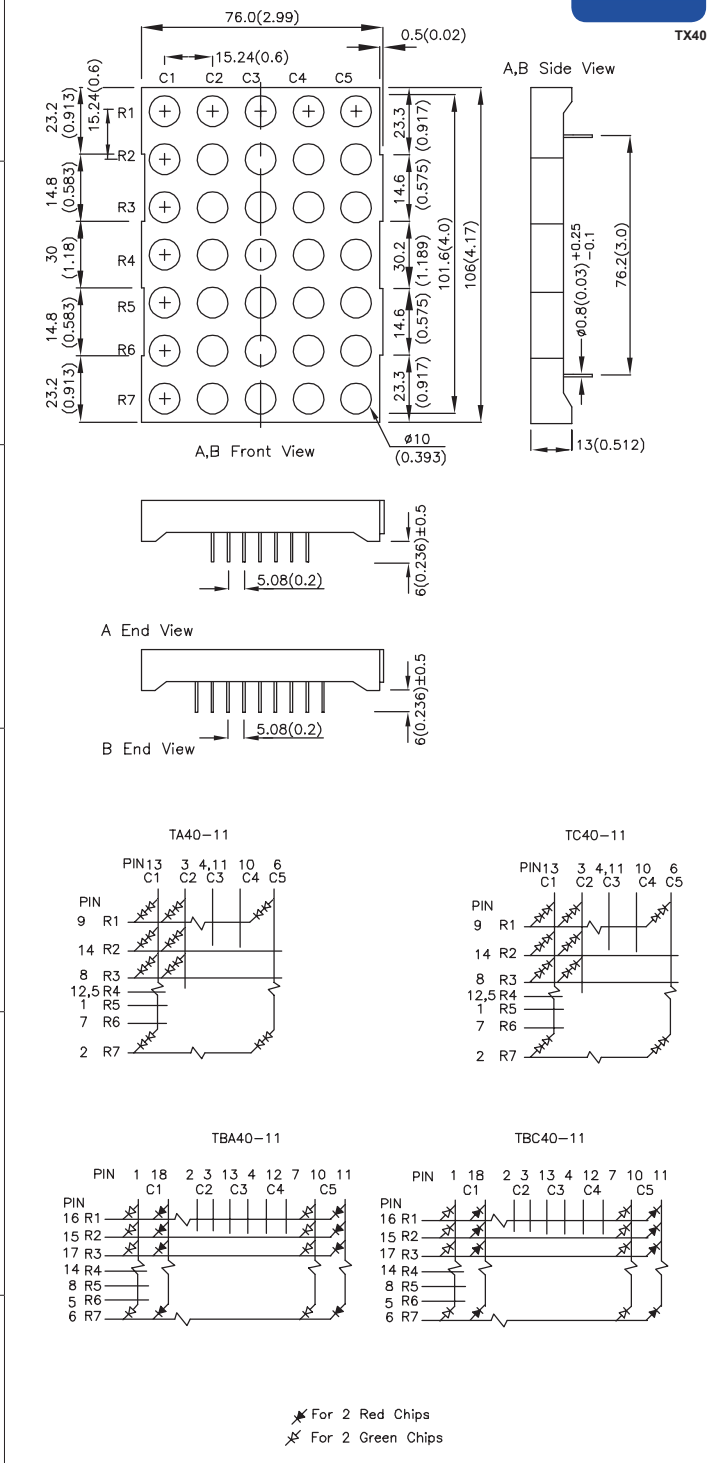


NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

DOT MATRIX

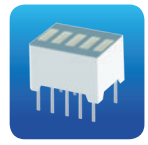
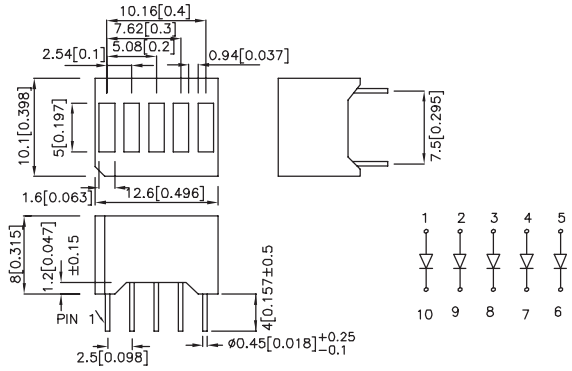
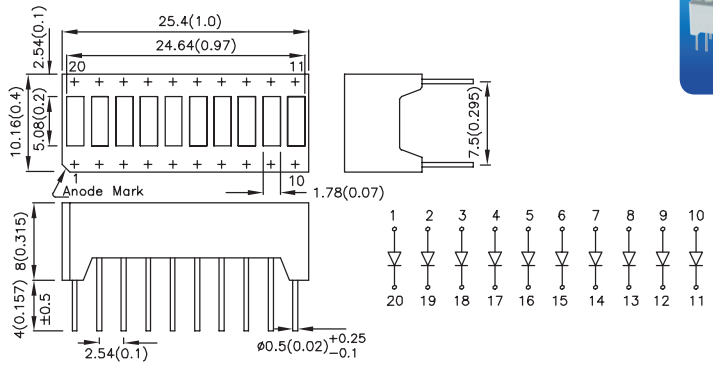
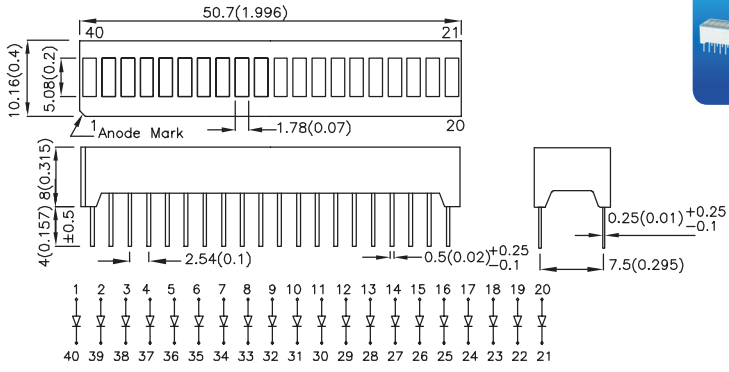
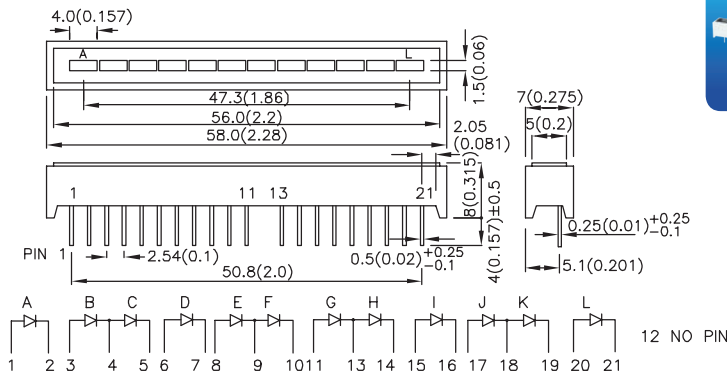
Part Number		Material	λ D (nm)	Iv (ucd) @10mA		Dimensions
Column Anode	Column Cathode			Min.	Typ.	
TA40-11SEKWA	TC40-11SEKWA	AlGaInP	601	88000	190000	4.0 inch (100mm), 5x7, Gray Face, White Dot
TA40-11SURKWA	TC40-11SURKWA	AlGaInP	630	31000	70000	
TA40-11SYKWA	TC40-11SYKWA	AlGaInP	590	88000	170000	
TA40-11CGKWA	TC40-11CGKWA	AlGaInP	570	21000	45000	
TBA40-11 SURKCGKWA	TBC40-11 SURKCGKWA	AlGaInP	630	31000	70000	
		AlGaInP	570	21000	45000	





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.

BAR GRAPH ARRAY

Part Number	Material	λD (nm)	Iv (ucd) @10mA		Dimensions
			Min.	Typ.	
DC-05YWA	GaAsP/GaP	588	900	2400	5 Segments, Bar graph-Display, Gray Face, White Segment  DC-05 
DC-05GWA	GaP	568	1400	4000	
DC-10SEKWA	AlGaInP	601	21000	35000	10 Segments, Bar graph-Display, Gray Face, White Segment DC-10 
DC-10SURKWA	AlGaInP	630	9000	25000	
DC-10SYKWA	AlGaInP	590	21000	36000	
DC-10CGKWA	AlGaInP	570	3600	8000	
DC-20/20SEKWA	AlGaInP	601	21000	35000	20 Segments, Bar graph-Display, Gray Face, White Segment DC-20/20 
DC-20/20SURKWA	AlGaInP	630	9000	25000	
DC-20/20SYKWA	AlGaInP	590	21000	36000	
DC-20/20CGKWA	AlGaInP	570	3600	8000	
DD-12SEKWB	AlGaInP	601	31000	60000	12 Segments, Bar graph-Display, Black Face, White Segment DD-12 
DD-12SURKWB	AlGaInP	630	14000	30000	
DD-12SYKWB	AlGaInP	590	14000	33000	
DD-12CGKWB	AlGaInP	570	5600	11000	

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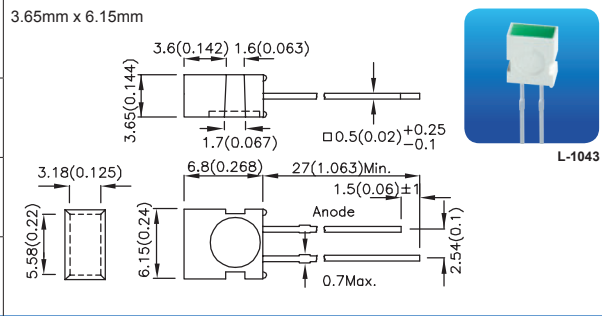
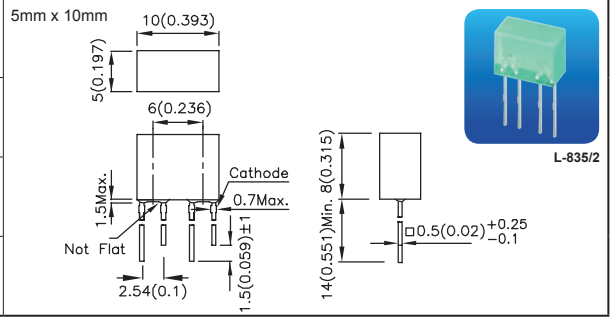
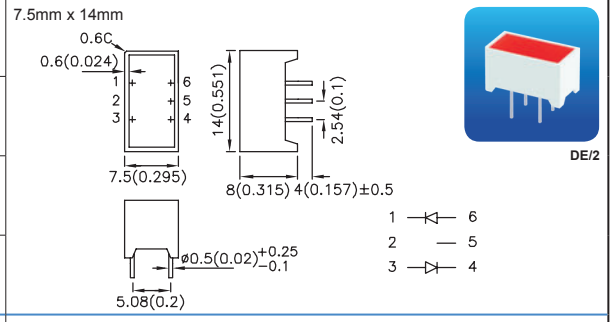
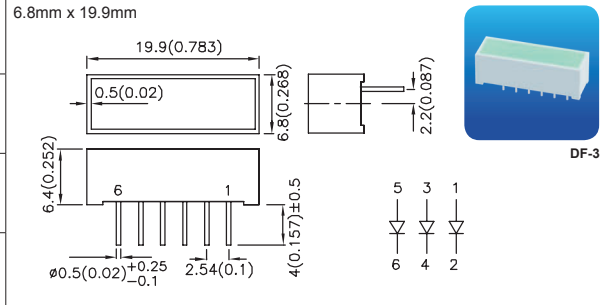
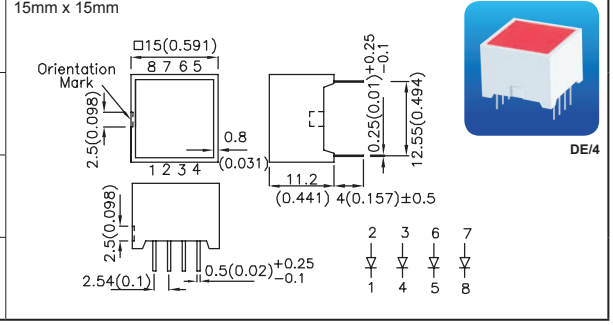
LIGHT BAR

Part Number	Material	λD (nm)	Lens Type	Iv (mcd) @20mA		Viewing Angle	Dimensions
				Min.	Typ.	2θ1/2	
L-1043SEDTK	AlGaInP	601	orange diffused	60	120	100°	3.65mm x 6.15mm  L-1043
L-1043SURDTK	AlGaInP	630	red diffused	30	60	100°	
L-1043SYDTK	AlGaInP	590	yellow diffused	80	150	100°	
L-1043CGDTK	AlGaInP	570	green diffused	8	20	100°	
L-835/2SEDTK	AlGaInP	601	orange diffused	55	150	140°	5mm x 10mm  L-835/2
L-835/2SURDTK	AlGaInP	630	red diffused	20	80	140°	
L-835/2SYDTK	AlGaInP	590	yellow diffused	55	120	140°	
L-835/2CGDTK	AlGaInP	570	green diffused	12	30	140°	

Part Number	Material	λD (nm)	Lens Type	Iv (mcd) @20mA		Dimensions
				Min.	Typ.	
DE/2SEKD	AlGaInP	601	orange diffused	200	310	7.5mm x 14mm  DE/2
DE/2SURKD	AlGaInP	630	red diffused	80	170	
DE/2SYKD	AlGaInP	590	yellow diffused	120	300	
DE/2CGKD	AlGaInP	570	green diffused	20	54	
DF-3SEKD	AlGaInP	601	orange diffused	200	360	6.8mm x 19.9mm  DF-3
DF-3SURKD	AlGaInP	630	red diffused	80	160	
DF-3SYKD	AlGaInP	590	yellow diffused	120	240	
DF-3CGKD	AlGaInP	570	green diffused	55	94	
DE/4SEKD	AlGaInP	601	orange diffused	120	280	15mm x 15mm  DE/4
DE/4SURKD	AlGaInP	630	red diffused	120	250	
DE/4SYKD	AlGaInP	590	yellow diffused	120	250	
DE/4CGKD	AlGaInP	570	green diffused	40	77	

NOTES:
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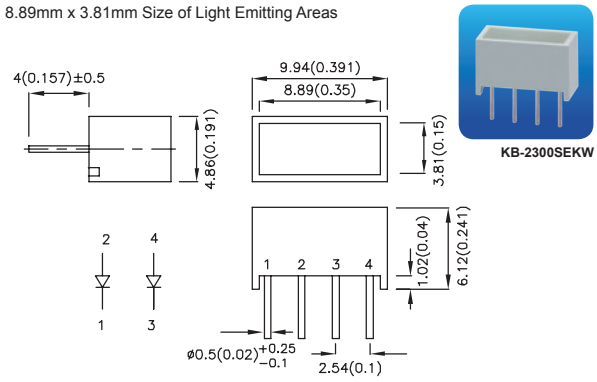
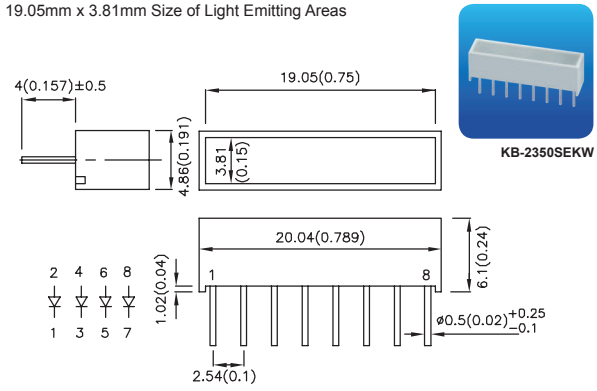
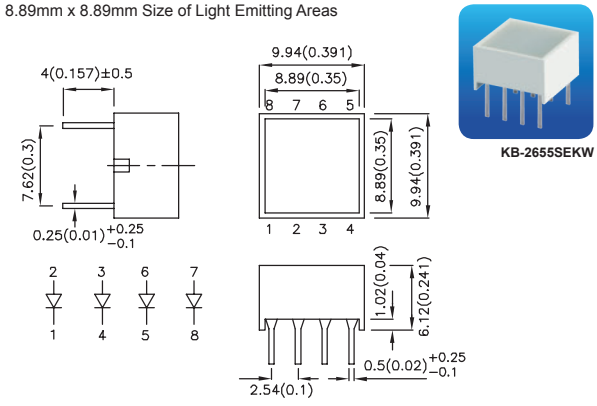
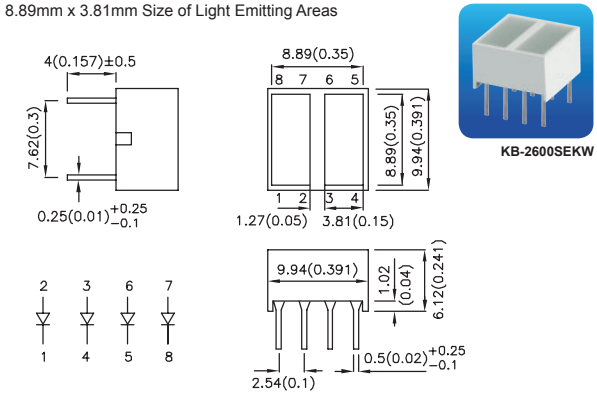
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

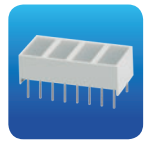
LIGHT BAR

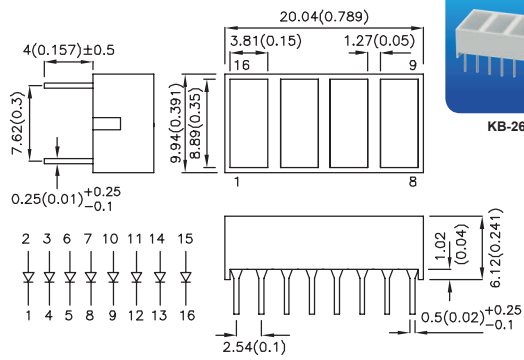
Part Number	Material	λD (nm)	Lens Type	Iv (mcd) @20mA		Dimensions
				Min.	Typ.	
KB-2300SEKW	AlGaInP	601	white diffused	55	140	8.89mm x 3.81mm Size of Light Emitting Areas 
KB-A100SURKW	AlGaInP	630	white diffused	40	75	
KB-2400SYKW	AlGaInP	590	white diffused	40	80	
KB-2500CGKD	AlGaInP	570	green diffused	12	25	
KB-2350SEKW	AlGaInP	601	white diffused	120	230	19.05mm x 3.81mm Size of Light Emitting Areas 
KB-B100SURKW	AlGaInP	630	white diffused	55	100	
KB-2450SYKW	AlGaInP	590	white diffused	55	140	
KB-2550CGKD	AlGaInP	570	green diffused	20	36	
KB-2655SEKW	AlGaInP	601	white diffused	120	290	8.89mm x 8.89mm Size of Light Emitting Areas 
KB-C100SURKW	AlGaInP	630	white diffused	80	160	
KB-2755SYKW	AlGaInP	590	white diffused	80	220	
KB-2855CGKD	AlGaInP	570	green diffused	20	48	
KB-2600SEKW	AlGaInP	601	white diffused	55	120	8.89mm x 3.81mm Size of Light Emitting Areas 
KB-D100SURKW	AlGaInP	630	white diffused	40	75	
KB-2700SYKW	AlGaInP	590	white diffused	55	120	
KB-2800CGKD	AlGaInP	570	green diffused	12	36	

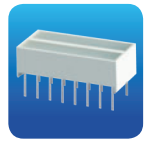
NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

LIGHT BAR

Part Number	Material	λD (nm)	Lens Type	Iv (mcd) @20mA		Dimensions
				Min.	Typ.	
KB-2620SEKW	AlGaInP	601	white diffused	55	130	8.89mm x 3.81mm Size of Light Emitting Areas
KB-E100SURKW	AlGaInP	630	white diffused	40	70	
KB-2720SYKW	AlGaInP	590	white diffused	20	50	
KB-2820CGKD	AlGaInP	570	green diffused	8	16	
KB-2635SEKW	AlGaInP	601	white diffused	55	120	3.81mm x 19.05mm Size of Light Emitting Areas
KB-F100SURKW	AlGaInP	630	white diffused	20	60	
KB-2735SYKW	AlGaInP	590	white diffused	40	80	
KB-2835CGKD	AlGaInP	570	green diffused	8	17	
KB-2670SEKW	AlGaInP	601	white diffused	55	120	8.89mm x 8.89mm Size of Light Emitting Areas
KB-G100SURKW	AlGaInP	630	white diffused	20	56	
KB-2770SYKW	AlGaInP	590	white diffused	20	50	
KB-2870CGKD	AlGaInP	570	green diffused	8	18	
KB-2685SEKW	AlGaInP	601	white diffused	80	140	8.89mm x 19.05mm Size of Light Emitting Areas
KB-H100SURKW	AlGaInP	630	white diffused	40	65	
KB-2785SYKW	AlGaInP	590	white diffused	20	57	
KB-2885CGKD	AlGaInP	570	green diffused	8	19	


KB-2620SEKW

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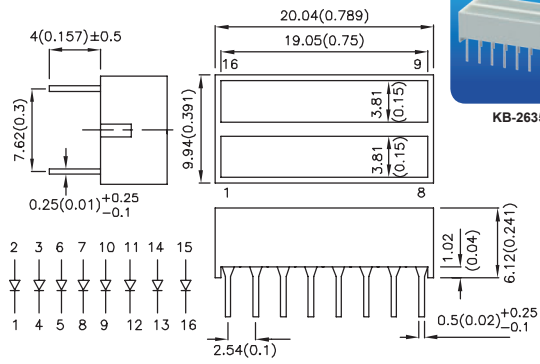
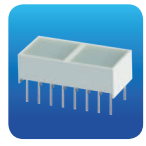
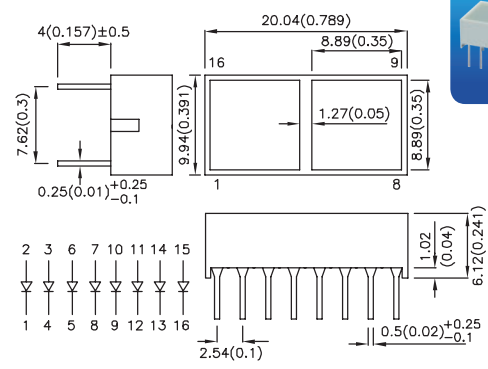
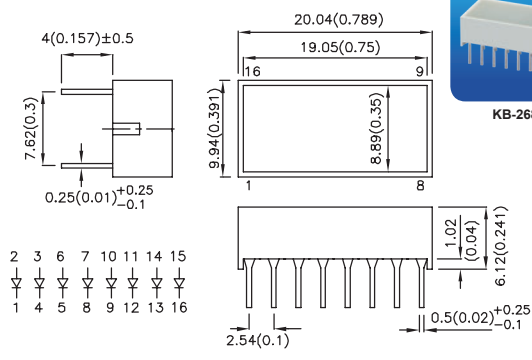



KB-2670SEKW



KB-2685SEKW



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