

OBOL Series

LED Numeric Display



FEATURES AND BENEFITS

LED digital display incorporate low current capability, low power consumption , and high brightness in various through-hole type. Our portfolio includes one, two, three and four digit. They are suitable for both industrial and consumer applications.

APPLICATIONS

















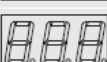



- Audio equipment.
- Household appliances.
- Set top box / Instrument.
- Game machine.



To Build an On Demand Light World

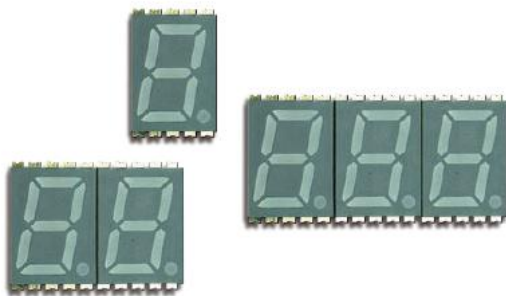
LED Numeric Display Series

IF=10mA

Product Type	Common Anode	Common Cathode	Emitting Color	Wavelength / Chromaticity	Intensity (mcd)	
					Min.	Typ.
0.52 inch 	CSOS-52100B	CSOS-52101B	Blue	470nm	7	22
	CSOS-52100W	CSOS-52101W	White	X=0.27 Y=0.25	54	105
0.56 inch 	CSOS-56100B	CSOS-56101B	Blue	470nm	7	22
	CSOS-56100W	CSOS-56101W	White	X=0.27 Y=0.25	54	105
0.56 inch 	CSOS-56102B	CSOS-56103B	Blue	470nm	7	22
	CSOS-56102W	CSOS-56103W	White	X=0.27 Y=0.25	54	105
0.8 inch 	CSOS-80100B	CSOS-80101B	Blue	470nm	11	28
	CSOS-80100W	CSOS-80101W	White	X=0.27 Y=0.25	70	137
1.0 inch 	CSOS-1A102B	CSOS-1A103B	Blue	470nm	18	62
	CSOS-1A102W	CSOS-1A103W	White	X=0.27 Y=0.25	120	233
1.5 inch 	CSOS-1F100B	CSOS-1F101B	Blue	470nm	28	70
	CSOS-1F100W	CSOS-1F101W	White	X=0.27 Y=0.25	200	370
1.8 inch 	CSOS-1J100B	CSOS-1J101B	Blue	470nm	28	70
	CSOS-1J100W	CSOS-1J101W	White	X=0.27 Y=0.25	200	370
2.3 inch 	CSOS-2D100B	CSOS-2D101B	Blue	470nm	29	90
	CSOS-2D100W	CSOS-2D101W	White	X=0.27 Y=0.25	340	664
3.0 inch 	CSOS-3A100B	CSOS-3A101B	Blue	470nm	44	160
	CSOS-3A100W	CSOS-3A101W	White	X=0.27 Y=0.25	750	1600
4.0 inch 	CSOS-4A100B	CSOS-4A101B	Blue	470nm	44	120
	CSOS-4A100W	CSOS-4A101W	White	X=0.27 Y=0.25	580	1123
0.5 inch 	CSOD-50200B	CSOD-50201B	Blue	470nm	7	22
	CSOD-50200W	CSOD-50201W	White	X=0.27 Y=0.25	54	105
0.52 inch 	CSOD-52200B	CSOD-52201B	Blue	470nm	7	22
	CSOD-52200W	CSOD-52201W	White	X=0.27 Y=0.25	54	105
0.56 inch 	CSOD-56200B	CSOD-56201B	Blue	470nm	7	22
	CSOD-56200W	CSOD-56201W	White	X=0.27 Y=0.25	54	105
0.56 inch 	CSOD-56202B	CSOD-56203B	Blue	470nm	7	22
	CSOD-56202W	CSOD-56203W	White	X=0.27 Y=0.25	54	105
0.80 inch 	CSOD-80200B	CSOD-80201B	Blue	470nm	11	28
	CSOD-80200W	CSOD-80201W	White	X=0.27 Y=0.25	70	137
0.52 inch 	CSOT-52300B	CSOT-52301B	Blue	470nm	7	22
	CSOT-52300W	CSOT-52301W	White	X=0.27 Y=0.25	54	105
0.56 inch 	CSOT-56300B	CSOT-56301B	Blue	470nm	7	22
	CSOT-56300W	CSOT-56301W	White	X=0.27 Y=0.25	54	105
0.8 inch 	CSOT-80300B	CSOT-80301B	Blue	470nm	11	28
	CSOT-80300W	CSOT-80301W	White	X=0.27 Y=0.25	70	137
0.52 inch 	CSOQ-52400B	CSOQ-52401B	Blue	470nm	7	22
	CSOQ-52400W	CSOQ-52401W	White	X=0.27 Y=0.25	54	105
0.56 inch 	CSOQ-56400B	CSOQ-56401B	Blue	470nm	7	22
	CSOQ-56400W	CSOQ-56401W	White	X=0.27 Y=0.25	54	105

OBOL Series

Surface Mount Display



FEATURES AND BENEFITS

- COB (Chip On Board) package.
- The thickness is thinner than tradition display.
- Packaged in tape and reel for SMT manufacturing.
- Categorized for luminous intensity.
- Complied to JEDEC moisture sensitivity Level 2a.

APPLICATIONS

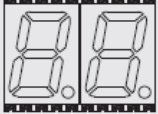
- Suitable for indoor use.
- Audio equipment.
- Set top box / Instrument.
- Game machine.
- Channel indicator of TV.



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Product Type	Common Anode	Common Cathode	Emitting Color	Wavelength / Chromaticity	Intensity (mcd)	
					Min.	Typ.
0.39 inch Single Digit 	CSOS-S39126B	CSOS-S39127B	Blue	470nm	4	10
	CSOS-S39126W	CSOS-S39127W	White	X=0.27 Y=0.25	32	60
0.4 inch Single Digit 	CSOS-S40124B	CSOS-S40125B	Blue	470nm	4	11
	CSOS-S40124W	CSOS-S40125W	White	X=0.27 Y=0.25	32	65
0.4 inch Dual Digit 	CSOD-S40224B	CSOD-S40225B	Blue	470nm	4	11
	CSOD-S40224W	CSOD-S40225W	White	X=0.27 Y=0.25	32	65
0.56 inch Single Digit 	CSOS-S56124B	CSOS-S56125B	Blue	470nm	5	13
	CSOS-S56124W	CSOS-S56125W	White	X=0.27 Y=0.25	42	85
0.56 inch Dual Digit 	CSOD-S56222B	CSOD-S56223B	Blue	470nm	5	13
	CSOD-S56222W	CSOD-S56223W	White	X=0.27 Y=0.25	42	85
0.56 inch Triad Digit 	CSOT-S56320B	CSOT-S56321B	Blue	470nm	5	13
	CSOT-S56320W	CSOT-S56321W	White	X=0.27 Y=0.25	42	85