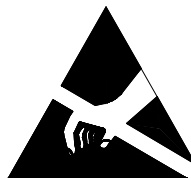
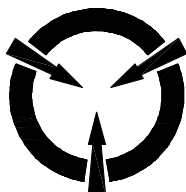


LD1-BWA0W0-A11

DATA SHEET

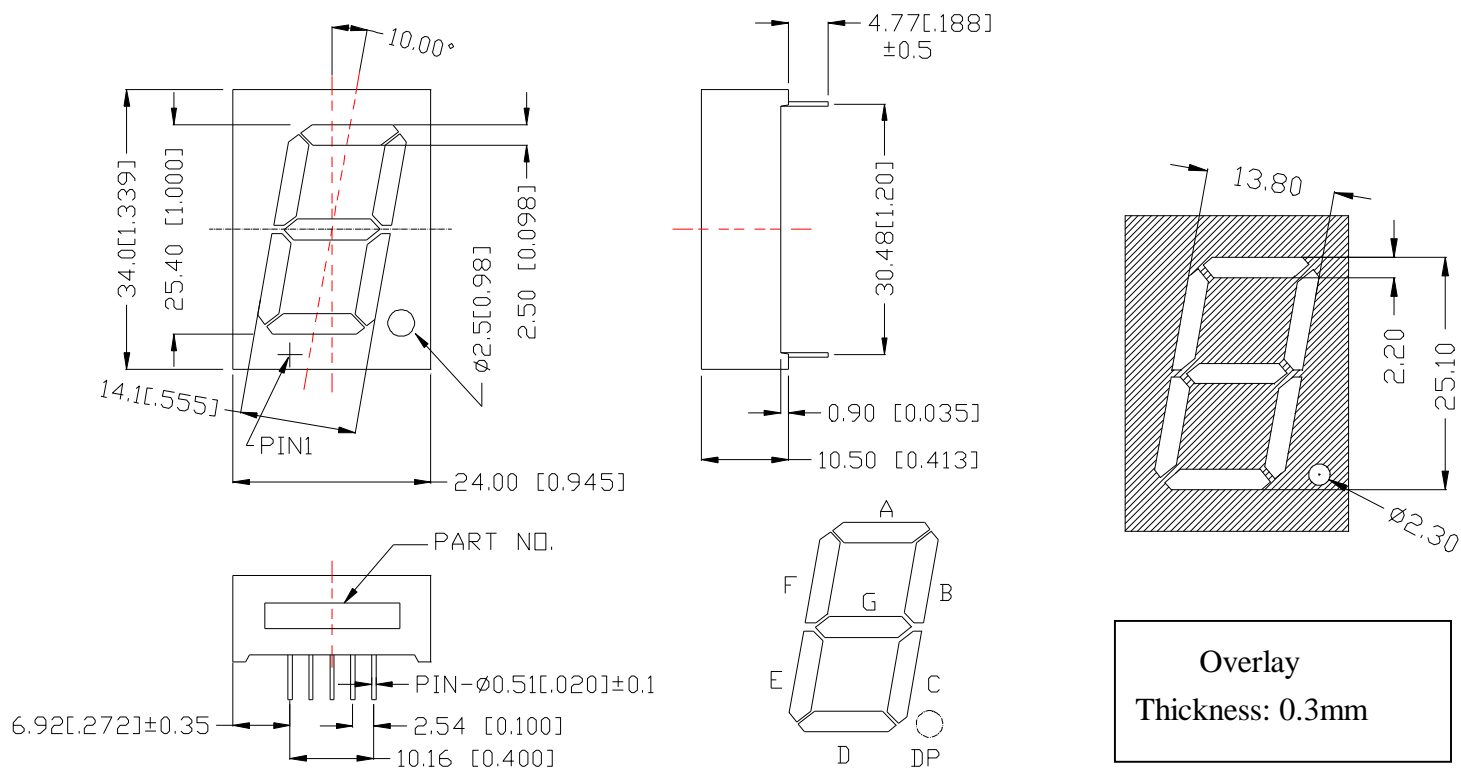


Light Engine			Customer
<i>Prepared by</i>	<i>Checked by</i>	<i>Approved by</i>	
Chenfok	YueWei	YueWei	
NOTE: Conformity with RoHS directive 2002/95/EC			

■ Modification Record

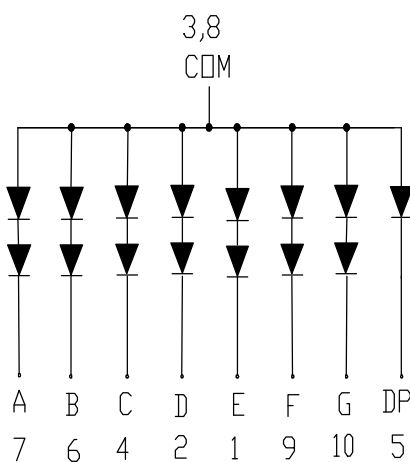
Rev.	Description Of Change	Requested	Date
01	1 st preliminary specification	Customer	2009/1/13

Outer Dimension:



Notes: Unless otherwise stated, the tolerance is ± 0.25 mm.

Circuit Diagram



Pin Connection

PIN NO.	CONNECTION	PIN NO.	CONNECTION
1	Cathode E	6	Cathode B
2	Cathode D	7	Cathode A
3	Common Anode	8	Common Anode
4	Cathode C	9	Cathode F
5	Cathode DP	10	Cathode G

■ Features:

- High Reliability
- Color: White Digit
- Low Power Requirement
- Easy Assembly

■ Description:

- Single Digit Display
- Digit Height:25.40mm(1.00")
- Black face with diffuser overlay and SMT with white lamps

■ Absolute Maximum Rating (Ta=25°C):

Parameter	Symbol	Condition	Color	Rating	Units
Power Dissipation Per Segment	P _d	—	White	200	mW
Forward Current Per Segment	I _F	—	White	20	mA
Derating Of If Per Segment	ΔI _F	Ta ≥ 25°C	White	0.25	mA/°C
Peak Forward Current Per Segment	I _{FP}	1/10 Duty 10KHz	White	100	mA
Reverse Voltage Per Segment	V _R	—	White	10	V
Operating Temperature Range	Topr	—	—	-35~+85	°C
Storage Temperature Range	Tstg	—	—	-35~+85	°C

■ Electrical/Optical Characteristics Rating(Ta=25°C):

Item	Symbol	Test condition	Location	Color	Rating			Unit
					Min.	Typ.	Max.	
Forward Voltage	VF	IF=20mA	DP	White	—	3.4	4.0	V
			Per Segment		—	6.8	8.0	
Reverse Current	IR	VR=10V	Per Segment	White	—	—	100	μA
Luminous Intensity	Iv	IF=10mA	Per Segment	White	—	350*		mcd
Chromaticity Coordinate	x	IF=10mA	Per Segment	White	—	0.30	—	—
	y					0.29		
Electrostatic Discharge Threshold (HBM)		—		—	—	—	1000	V
Luminous Intensity Matching Ratio (Segment to Segment)	Iv-m	IF=10mA					2:1	

* The Luminous Intensity Sorting will be update when the samples have been completed.

■ Pb, Cd, Hg, Cr+6, PBBs, PBDEs 6 Substances Complies To RoHS Standard.

■ Soldering conditions: Soldering Temp. ≤ +260°C ;Soldering Time. ≤ 3sec.

■ Packing Specification:

