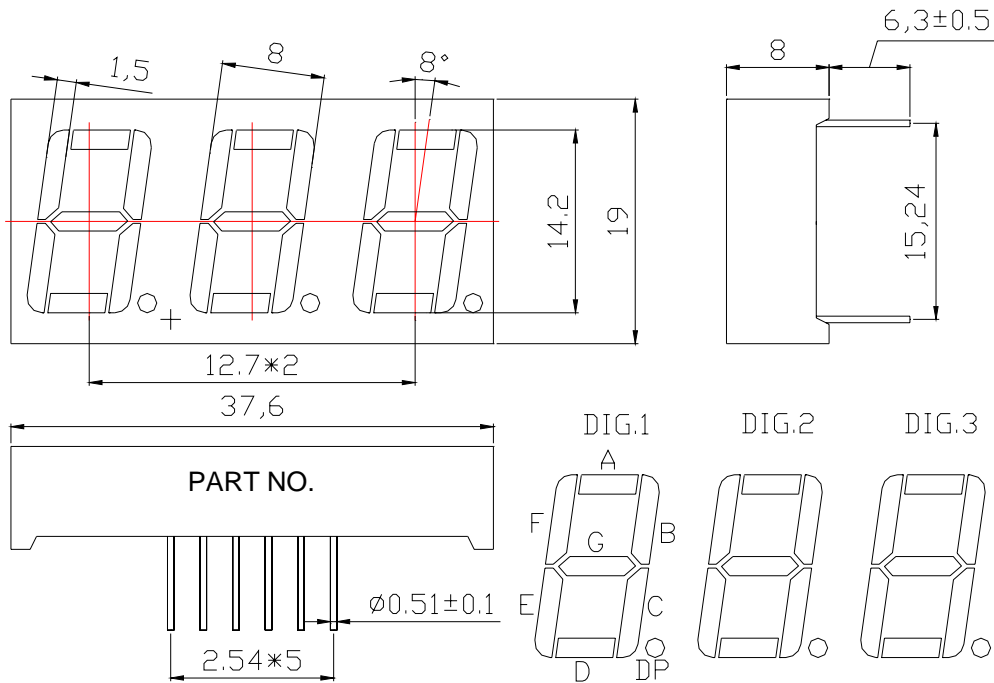


**WCN3-1056SR-C11R****SPECIFICATION**

WCN			CUSTOMER
Prepared by	Checked by	Approved by	Confirmed
Liu 2012-11-7	Athena		

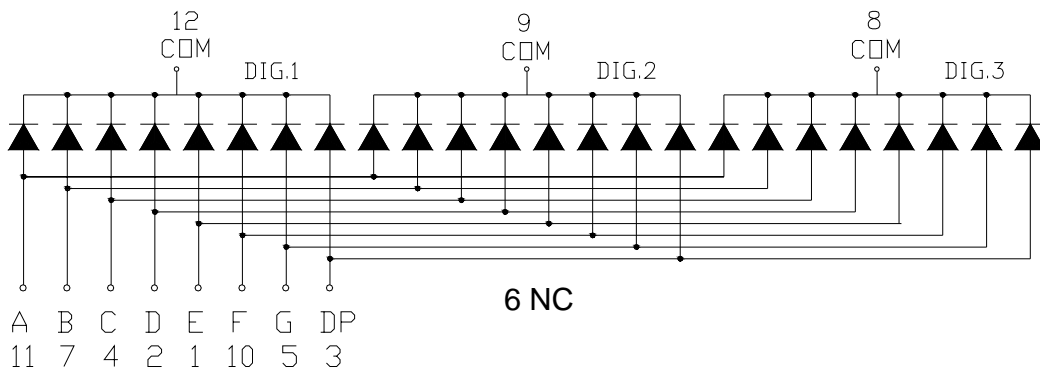
**REVISION: A0**

### Outer Dimension:



Note: Unless otherwise stated , The tolerance is  $\pm 0.25$  mm.

### Circuit Diagram:



### Pin Connection:

PIN NO.	CONNECTION	PIN NO.	CONNECTION
1	Anode E	7	Anode B
2	Anode D	8	Common Cathode Dig.3
3	Anode DP	9	Common Cathode Dig.2
4	Anode C	10	Anode F
5	Anode G	11	Anode A
6	NC	12	Common Cathode Dig.1

■ **Features:**

- High Reliability
- Color: Red
- Low Power Requirement
- Easy Assembly

■ **Description:**

- Triple Digit LED Display
- Digit Height:14.2mm(0.56" )
- Gray Face and Milky Epoxy

■ **Absolute Maximum Rating (Ta=25°C):**

Parameter	Symbol	Condition	Color	Rating	Unit
Power Dissipation Per Segment	P <sub>d</sub>	—	Red	65	mW
Forward Current Per Segment	I <sub>F</sub>	—	Red	25	mA
Derating Of If Per Segment	ΔI <sub>F</sub>	Ta ≥ 25°C	Red	0.33	mA/°C
Peak Forward Current Per Segment	I <sub>FP</sub>	1/10 Duty 10KHz	Red	100	mA
Reverse Voltage Per Segment	V <sub>R</sub>	—	Red	5	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 conditions	Location	Rating			Unit
				Min.	Typ.	Max.	
Forward Voltage	V <sub>F</sub>	I <sub>F</sub> =20mA	Per Segment	—	2.00	2.60	V
Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	Per Segment	—	—	100	μA
Luminous Intensity	I <sub>V</sub>	I <sub>F</sub> =10mA	Per Segment	5050	8000	—	mcd
Wave Length	λ <sub>P</sub>	I <sub>F</sub> =20mA	Per Segment	—	638	—	nm
	λ <sub>D</sub>				633		
Spectral Line Half Width	Δλ	I <sub>F</sub> =20mA	Per Segment	—	20	—	nm
Luminous Intensity Matching Ratio (Segment to Segment)	I <sub>v-m</sub>	I <sub>F</sub> =10mA	—	—	—	2:1	

■ **Luminous Intensity Sorting:( Luminous Intensity Tolerance is +/-10%)**

Rank	Symbol	Condition	Min	Max	Unit
K	K	I <sub>F</sub> =10mA	5.05	8.00	mcd
L	L	I <sub>F</sub> =10mA	8.00	12.56	mcd
M	M	I <sub>F</sub> =10mA	12.56	20.00	mcd

■ **Soldering Conditions: Soldering Temp. ≤ +260°C, Soldering Time. ≤ 3sec.**  
 (at 2mm Distance from The Case of Reflector Edge)