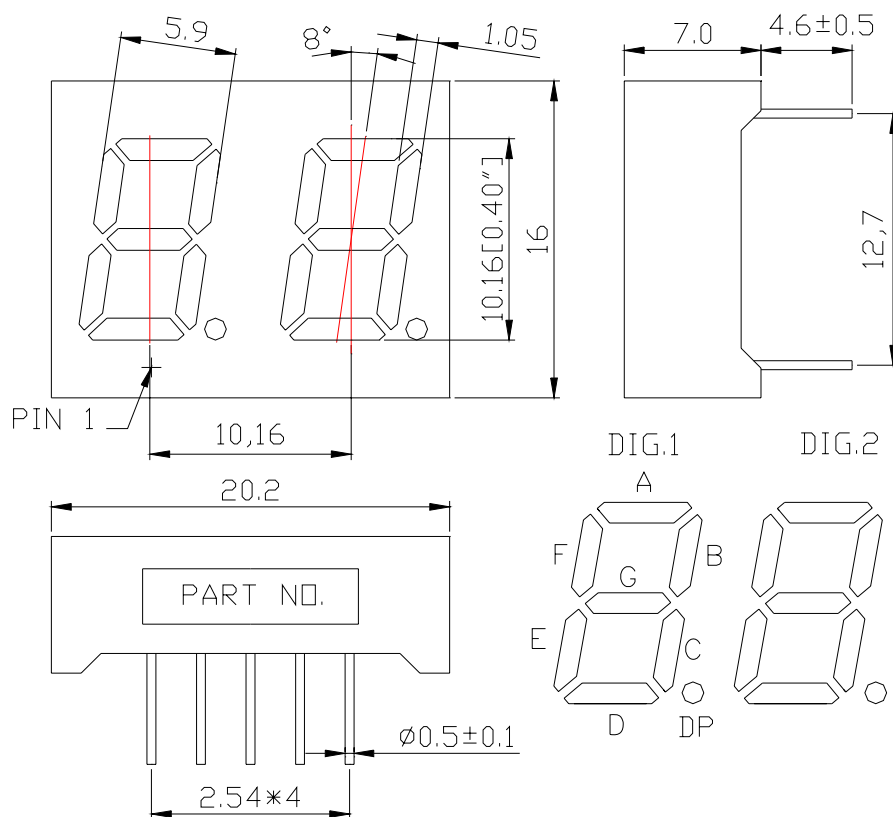


WCN2-0040SR-A11**SPECIFICATION**

WCN			CUSTOMER Confirmed
Prepared by	Checked by	Approved by	

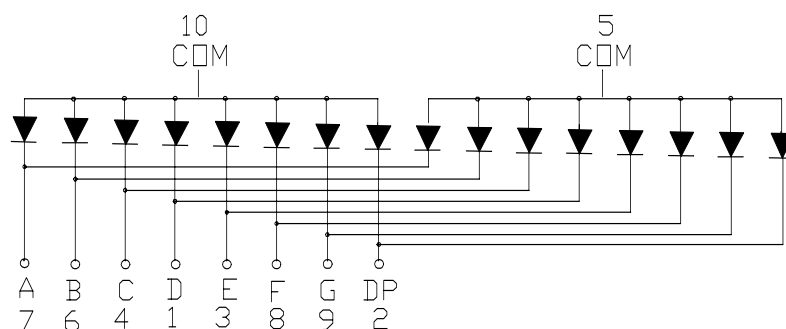
**REVISION: 01**

Outer Dimension:



Notes: Unless otherwise stated, The tolerance is $\pm 0.25\text{mm}$.

Circuit Diagram:



Pin Connection:

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

■ Features:

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

■ Description:

- Dual Digit LED Display
- Digit Height: 10.16mm(0.40")
- Black Face and Milky Segment

■ Absolute Maximum Rating (Ta=25°C):

Parameter	Symbol	Condition	Color	Rating	Unit
Power Dissipation Per Segment	P _d	—	Red	65	mW
Forward Current Per Segment	I _F	—	Red	25	mA
Derating Of If Per Segment	△I _F	Ta ≥ 25°C	Red	0.30	mA/°C
Peak Forward Current Per Segment	I _{FP}	1/10 Duty 10KHz	Red	100	mA
Reverse Voltage Per Segment	V _R	—	Red	5	V
Operating Temperature Range	T _{opr}	—	—	-35~+85	°C
Storage Temperature Range	T _{stg}	—	—	-35~+85	°C

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

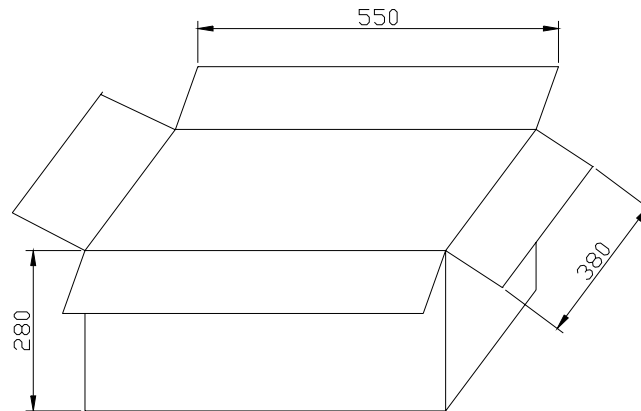
Item	Symbol	Test conditions	Location	Rating			Unit
				Min.	Typ.	Max.	
Forward Voltage	V _F	I _F =20mA	Per Segment	—	2.00	2.60	V
Reverse Current	I _R	V _R =5V	Per Segment	—	—	100	μA
Luminous Intensity	I _V	I _F =10mA	Per Segment	3201	6000	—	μcd
Wave Length	λ _P	I _F =20mA	Per Segment	—	638	—	nm
	λ _D				633		
Spectral Line Half Width	△λ	I _F =20mA	Per Segment	—	20	—	nm
Luminous Intensity Matching Ratio (Segment to segment)	I _{v-m}	I _F =10mA	—	—	—	2:1	

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

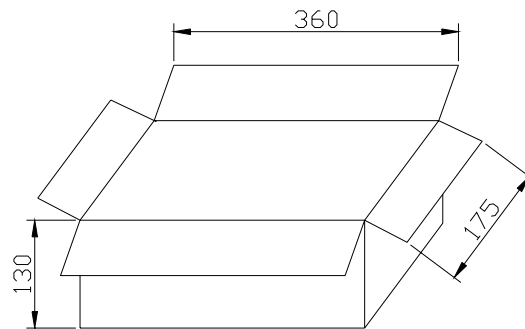
Rank	Symbol	Condition	Min	Max	Unit
J	J	I _F =10mA	3201	5050	μcd
K	K	I _F =10mA	5051	8000	μcd
L	L	I _F =10mA	8001	12650	μcd

■ Soldering Conditions: Soldering Temp. ≤ +260°C, Soldering Time. ≤ 3sec.

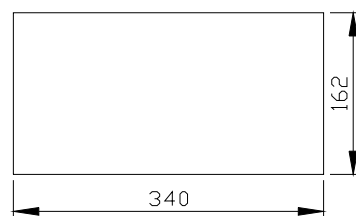
(at 2mm Distance from The Case of Reflector Edge)

Outer Carton Dimension:

- Note:** 1. An Outer carton contained 6 Inner cartons and 6000 PCS products.
2. Unless otherwise stated, the tolerance is +5mm / -0mm.
3. The carton material is A=A Brown Paper.

Inner Carton Dimension:

- Note:** 1. An Inner carton contained 7 PCS Foam Board and 1000 PCS products.
2. Unless otherwise stated, the tolerance is ± 3 mm.

Steamed Foam Dimension:

- Note:** 1. A Steamed Foam contained 144 PCS products.
2. Unless otherwise stated, The tolerance is ± 2 mm.