

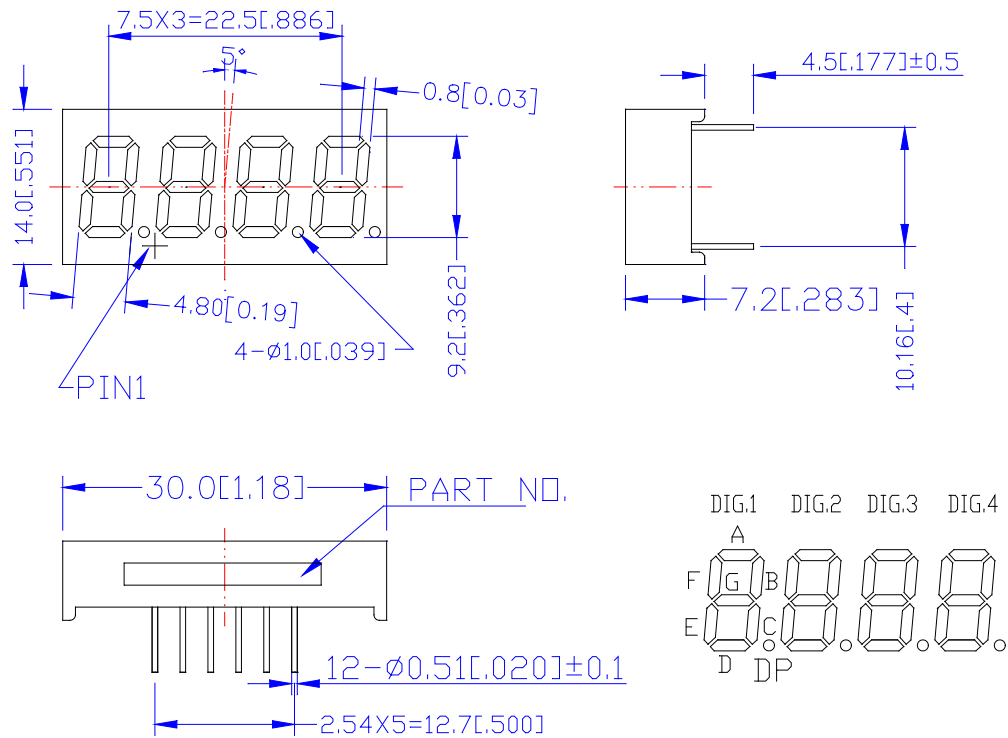
WCN4-0036SR-A11

SPECIFICATION

WCN			CUSTOMER
NOTE:			

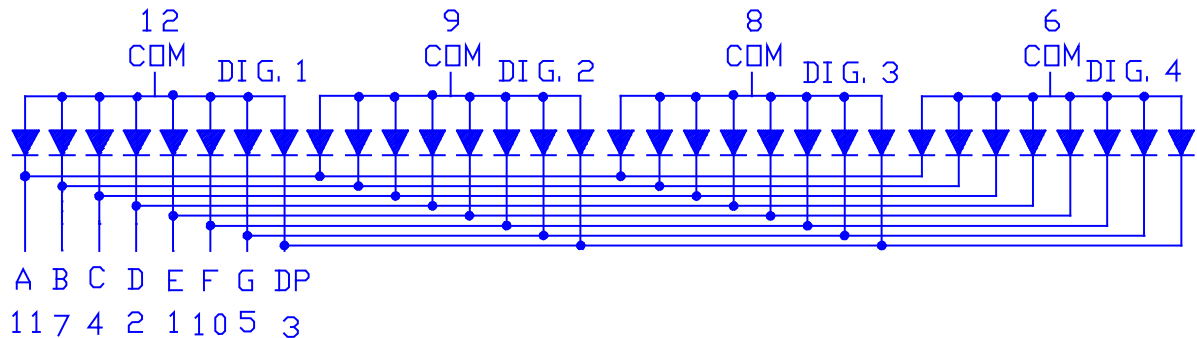
REVISION: 01

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 E	7	Cathode B
2	Cathode D	8	Common DIG.3
3	Cathode DP	9	Common DIG.2
4	Cathode C	10	Cathode F
5	Cathode G	11	Cathode A
6	Common DIG.4	12	Common DIG.1

■ **Features:**

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

■ **Description:**

- Four Digit LED Display
- Digit Height: 9.2mm(0.36")
- Black Face and Encapsulation With Milky Epoxy

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

Parameter	Symbol	Condition	Color	Rating	Units
Power Dissipation Segment	P _d	—	Red	50	mW
Forward Current Segment	I _F	—	Red	25	mA
Derating Of If Per Segment	ΔI _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	Topr	—	—	-35~+85	°C
Storage Temperature Range	Tstg	—	—	-35~+85	°C

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

Item	Symbol	Test conditions	Location	Color	Rating			Unit
					Min.	Typ.	Max	
Forward Voltage	V _F	I _F =20mA	Per Segment	Red	—	1.80	2.00	V
Reverse Current	I _R	V _R =5V	Per Segment	Red	—	—	100	μA
Luminous Intensity	I _V	I _F =20mA	Per Segment	Red	2001	4500	—	μcd
Wave Length	λ _P	I _F =20mA	Per Segment	Red	—	660	—	nm
	λ _D				—	643	—	
Spectral Line Half Width	Δλ	I _F =20mA	Per Segment	Red	—	20	—	nm
Luminous Intensity Matching Ratio (Segment To Segment)	I _{v-m}	I _F =10mA					2:1	

■ **Luminous Intensity Sorting:**

Rank	Symbol	Condition	Min	Max	Unit
I	I	I _F =10mA	2001	3200	μcd
J	J	I _F =10mA	3201	5050	μcd
K	K	I _F =10mA	5051	8000	μcd

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

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