

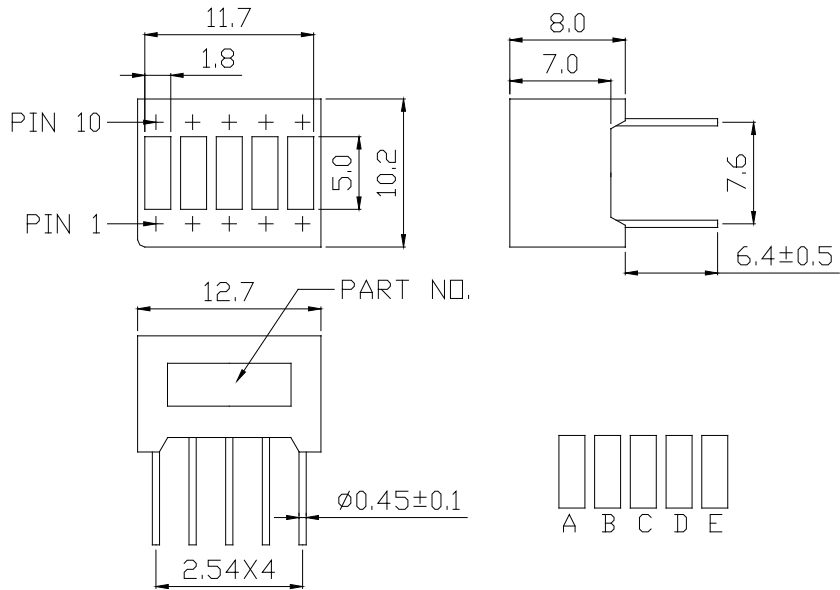


WCNLB5-GU11

SPECIFICATION

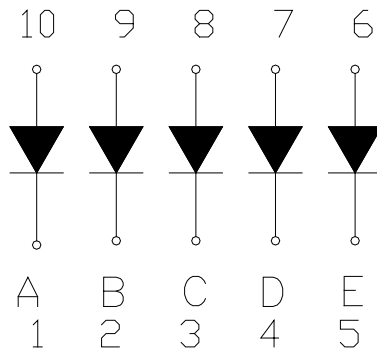
WCN			CUSTOMER Confirmed
Prepared by	Checked by	Approved by	

■ **Outer Dimension:**



Note: Unless otherwise stated, The tolerance is ± 0.25 mm.

■ **Circuit Diagram:**



■ **Pin Connection:**

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

■ Features:

- High Reliability
- Color: Yellow Green
- Low Power Requirement
- Easy Assembly

■ Description:

- Five Windows Display
- Digit Height 5.00mm(0.20") And Width 1.80mm(0.07")
- Black Face and Milky Bar

■ Absolute Maximum Rating (Ta=25°C):

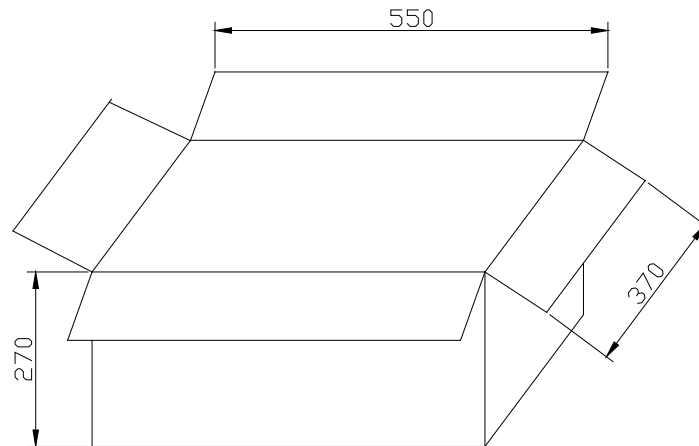
Parameter	Symbol	Condition	Color	Rating	Units
Power Dissipation Per Segment	P_d	—	Yellow Green	65	mW
Forward Current Per Segment	I_F	—	Yellow Green	25	mA
Derating Of I_F Per Segment	ΔI_F	$T_a \geq 25^\circ\text{C}$	Yellow Green	0.30	mA/°C
Peak Forward Current Per Segment	I_{FP}	1/10 Duty 10KHz	Yellow Green	100	mA
Reverse Voltage Per Segment	V_R	—	Yellow Green	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)

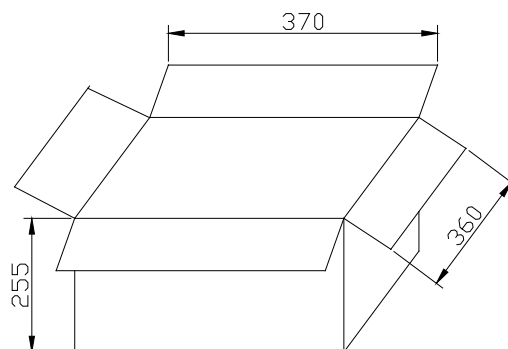
Item	Symbol	Test conditions	Location	Rating			Units
				Min.	Typ.	Max.	
Forward Voltage	V_F	$I_F=20\text{mA}$	Per Segment	—	2.25	2.6	V
Reverse Current	I_R	$V_R=5\text{V}$	Per Segment	—	—	10	μA
Luminous Intensity	I_V	$I_F=10\text{mA}$	Per Segment	3.00	6.0	—	mcd
Wave Length	λ_P	$I_F=20\text{mA}$	Per Segment	—	568	—	nm
	λ_D				573		
Spectral Line Half Width	$\Delta\lambda$	$I_F=20\text{mA}$	Per Segment	—	30	—	nm
Luminous Intensity Matching Ratio (Bar to Bar)	I_{v-m}	$I_F=10\text{mA}$				2:1	

■ Soldering Conditions: Soldering Temp. $\leq +260^\circ\text{C}$ Soldering Time. $\leq 3\text{sec}$.

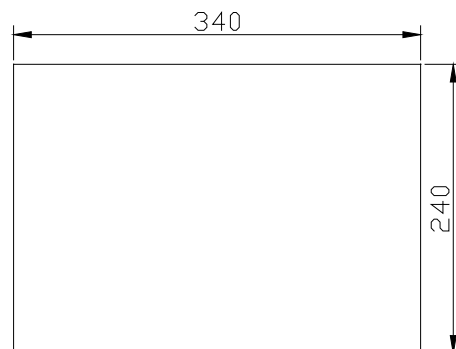
(at 2mm Distance from The Case of Reflector Edge)

■ Out Carton Dimension:

- Note: 1. One Out carton contained two Inside cartons, contained 13200PCS products.**
2. Unless otherwise stated , The tolerance is +5mm / -0mm.
3. The carton material is A=B Brown Paper.

■ Inside Carton Dimension:

- Note: 1. One Inside carton contained 12PCS IC Tube, contained 6600PCS products.**
2. Unless otherwise stated , The tolerance is ± 2 mm.
3. The carton material is B=B Paper.

■ Foam Board Dimension:

- Note: 1. OneFoam Board contained 550PCS products.**
2. Unless otherwise stated , The tolerance is ± 2 mm.