NEW PRODUCT APPROVED

(CUSTOMERS） _____

（CUSTOMER P/N） **IE-136B-A21-BW L-5,6**
（DESCRIPTION） 0. 36”
（SAMPLE DATE） _____

Specification ☑	**INSPECTION** ☐	**SAMPLE** ☐	**OTHERS** ☐

（APPROVED BY）	**（CHECKED BY）**	**（PREPARED BY）**

（COSTOMER VERDICT）

(OK) ☐	**(NG)** ☐

(APPROVED BY)： **(APPROVED DATE)：**

(IMPROVED ADVICE)：

REMARK：FOR OFFERING THE BEST SERVICE TO CUSTOMER, PLEASE FAX THE DATA TO FACTORY IN TIME

1. FEATURES:

- High intensity and reliability
- High quality, Low power requirement and low cost
- IC compatible , Easy assembly

2. DESCRIPTION:

- 0.36 inch (9.1mm) height triad, quad digit display
- Black face, White segment,Blue display
- Common anode, static drive connect
- Dice material: **InGaN** Blue

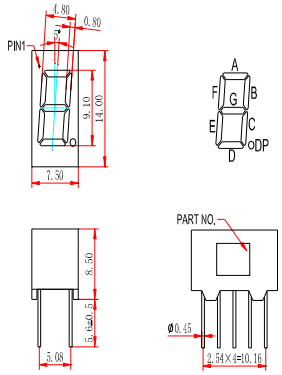
3. ABSOLUTE MAXIMUM RATINGS AT T_a=25°C:

(PARAMETER)	Max.	UNIT
Power Dissipation Per Segment	**72**	**mW**
Peak Forward Current Per Segment (1/10duty cycle 0.1ms pulse width)	**100**	**mA**
Average Forward Current Per Segment	**20**	**mA**
Derating Linear From 25°C Per Segment	**0.3**	**mA/°C**
Reverse Voltage Per Segment	**5**	**V**
Operating Temperature Range	**-35°C to + 85°C**	
Storage Temperature Range	**-40°C to + 85°C**	
Lead Soldering Temperature 260°C at 1.6mm From Body for 3 seconds		

4. ELECTRICAL/OPTICAL CHARACTERISTICS AT Ta=25°C:

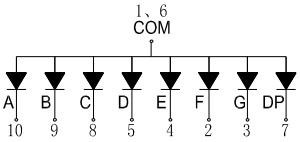
PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	**Test condition**
Luminous Intensity Per Segment	I_v	**----**	**15**	**—**	**mcd**	**I_F=10mA**
Dominant Wavelength	λ_D	**—**	**464**	**—**	**nm**	**I_F=20mA**
Spectral Line Half-Width	$\Delta\lambda$	**—**	**20**	**—**	**nm**	**I_F=20mA**
Forward Voltage Per Segment	V_F	**—**	**3.0**	**3.8**	**V**	**I_F=20mA**
Reverse Current Per Segment	I_R	**—**	**—**	**100**	**μ A**	**V_R=5V**
Luminous Intensity Matching Ratio (Segment To Segment)	I_{v-m}			**2:1**		**I_F =10mA**

5. Outer Dimension：



NOTES: All dimensions are in millimeters (inches) tolerance are ± 0.25mm(0.010) unless otherwise noted

6. INTERNAL CIRCUIT DIAGRAM：



7. PIN CONNECTION：

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