

Specification for approval

※ CUSTOMER P/N : IE-4B-20281B

※ DESCRIPTION :

1、

2、

3、

※ DATE : 2011 10 20

Type :

IE-4B-20281B



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■ FEATURES:

- High intensity and reliability
- High quality, Low power requirement and low cost
- IC compatible , Easy assembly
- Meet RoHS EU Directive
- ESD 200V

■ DESCRIPTION:

- 0.28 Inch Four Digits Display
- Common Cathode
- Black face, white segment
- Luminous Color:
 - 1、 BLUE
 - 2、
 - 3、
 - 4、
 - 5、
- Chips Materials
 - 1、 InGaN
 - 2、
 - 3、
 - 4、
 - 5、

Type :

IE-4B-20281B



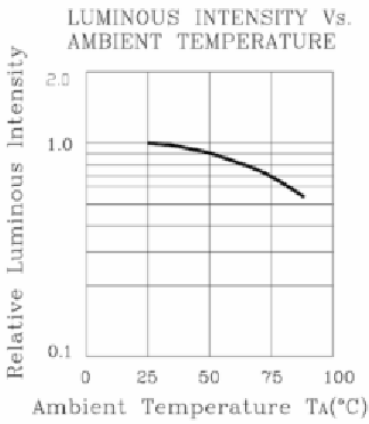
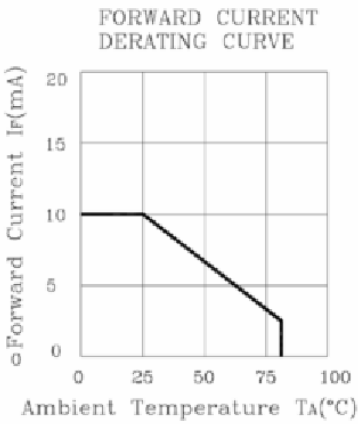
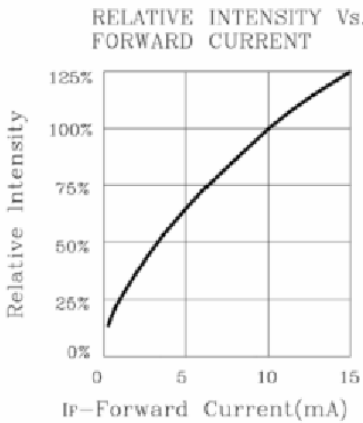
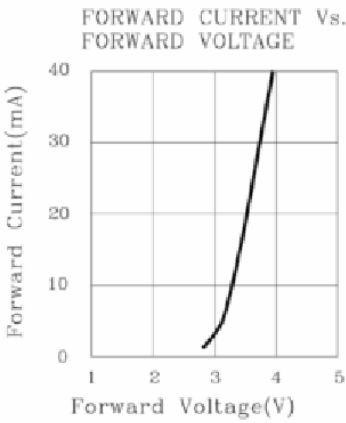
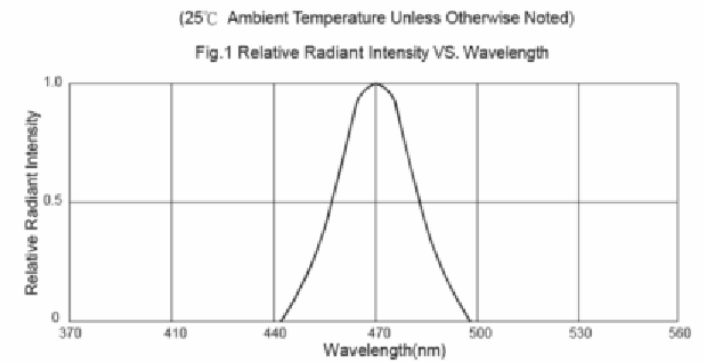
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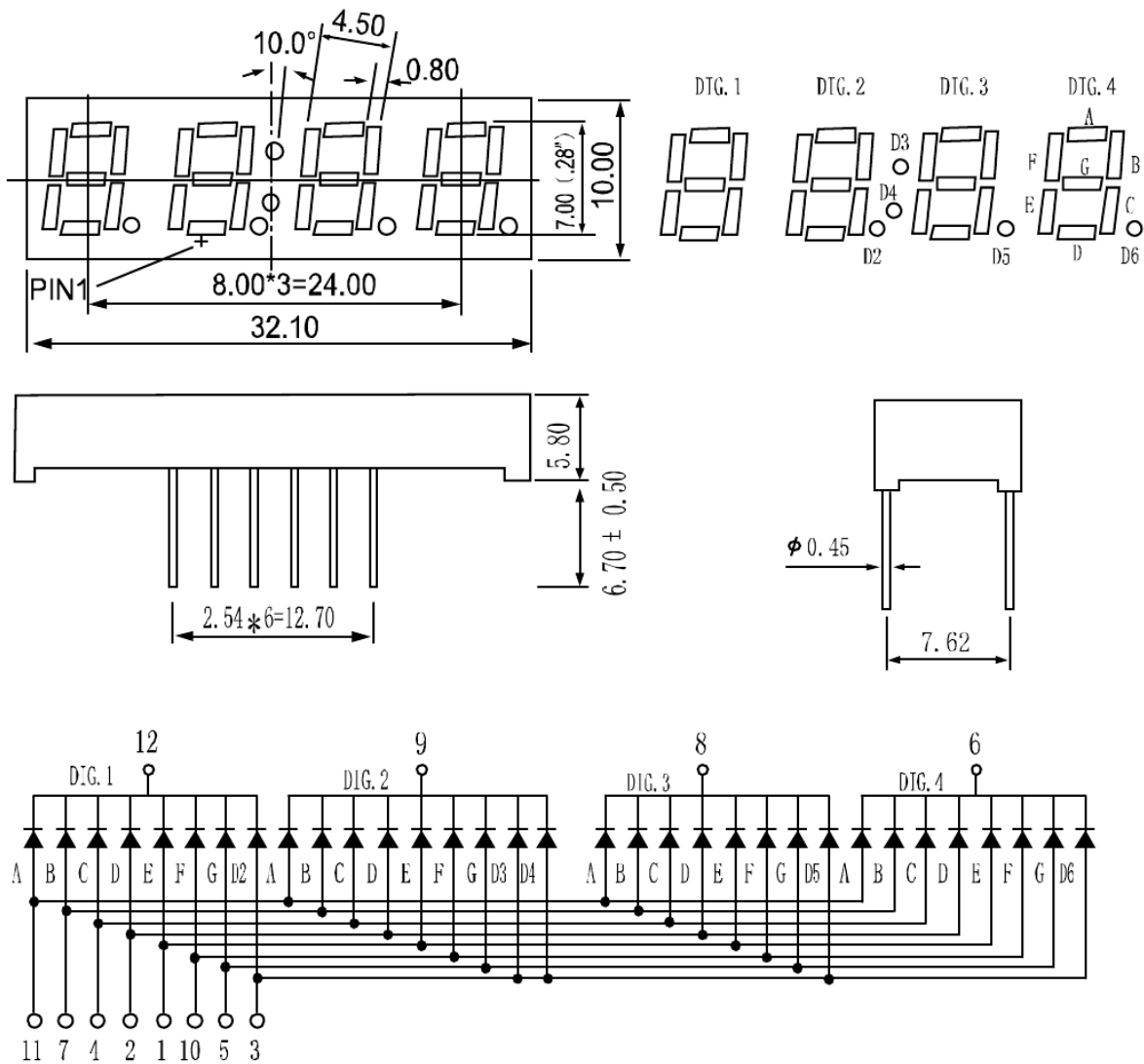
(Ta: 25℃) ABSOLUTE MAXIMUM RATINGS AT T_a=25℃ :

PARAMETER	SYMBOL	BLUE	UNIT
Power Dissipation Per Segment	PAD	100	mw
Reverse Voltage Per Segment	VR	5	V
Continuous Forward Current Per Segment	IAF	30	mA
Peak Forward Current Per Segment(Duty-0.1,1KHz)	IPF	100	mA
Operating Temperature Range	TOPr	-20℃ to 80℃	
Storage Temperature Range	Tstg	-30℃ to 85℃	
Lead Soldering Temperature 260℃ at 1.6mm From Body for 3 second			

(Ta: 25℃) ELECTRICAL/OPTICAL CHARACTERISTICS AT Ta=25℃ :

PARAMETER	SYMBOL	TEST CONDITION	Color	MIN	TYP	MAX	UNIT
Forward Voltage ,Per Segment	VF	IF=20mA	BLUE	3	3.2	3.5	V
Reverse Current , Per Segment	IR	VR=5V	BLUE			50	μA
Peak Emission Wavelength	λp	IF=20mA	BLUE	460	462.5	465	nm
Luminous Intensity Per Segment	IV	IF=20mA	BLUE	70	80	100	mcd





NOTES : 1. All dimensions are in millimeters. (inches)

2. Tolerance is $\pm 0.25(0.010")$ unless otherwise specified.