

Specification for approval

P/N (CUSTOMER P/N): IE-4G-10361N

(DESCRIPTION):

1、

2、

3、

(DATE): 2012 12 9

Type :
IE-4G-10361N



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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 2000V

■ DESCRIPTION:

- 0.36 Inch Four Digits Display
- Common Anode
- Black face, white segment
- Luminous Color:
 - 1、 YELLOW GREEN
 - 2、
 - 3、
 - 4、
 - 5、
- Chips Materials
 - 1、 AlGaInP
 - 2、
 - 3、
 - 4、
 - 5、

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

PARAMETER	SYMBOL	Y/GREEN	UNIT
Power Dissipation Per Segment	PAD	50	mw
Reverse Voltage Per Segment	VR	5	V
Continuous Forward Current Per Segment	IAF	20	mA
Peak Forward Current Per Segment(Duty-0.1,1KHz)	IPF	60	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℃:

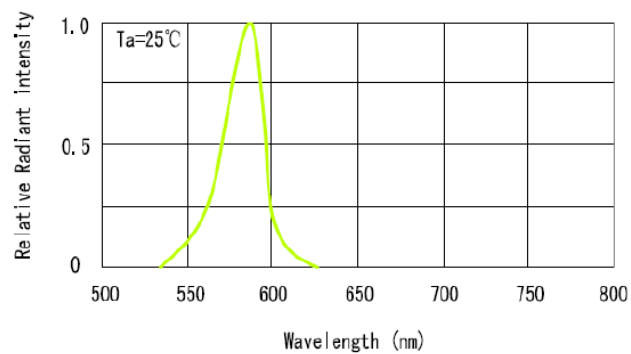
PARAMETER	SYMBOL	TEST CONDITION	Color	MIN	TYP	MAX	UNIT
Forward Voltage ,Per Segment	VF	IF=20mA	Y/GREEN	2.0	2.2	2.5	V
Reverse Current , Per Segment	IR	VR=5V	Y/GREEN			50	μA
Peak Emission Wavelength	λp	IF=20mA	Y/GREEN	570	571	573	nm
Luminous Intensity Per Segment	IV	IF=20mA	Y/GREEN	15	18	20	mcd

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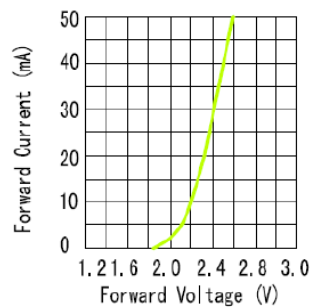


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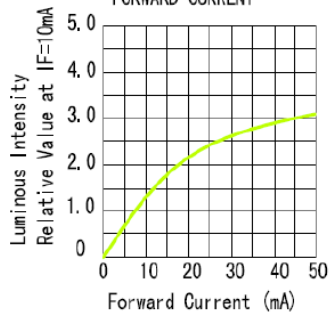
RELATIVE INTENSITY VS. WAVELENGTH



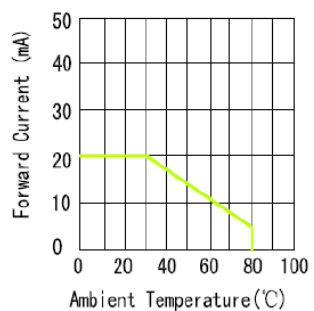
FORWARD CURRENT VS. FORWARD VOLTAGE



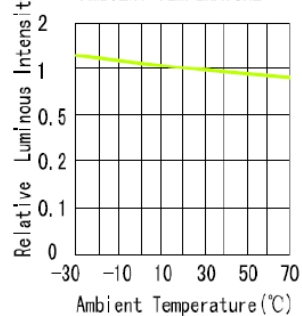
LUMINOUS INTENSITY VS. FORWARD CURRENT



ALLOWABLE FORWARD CURRENT AMBIENT TEMPERATURE



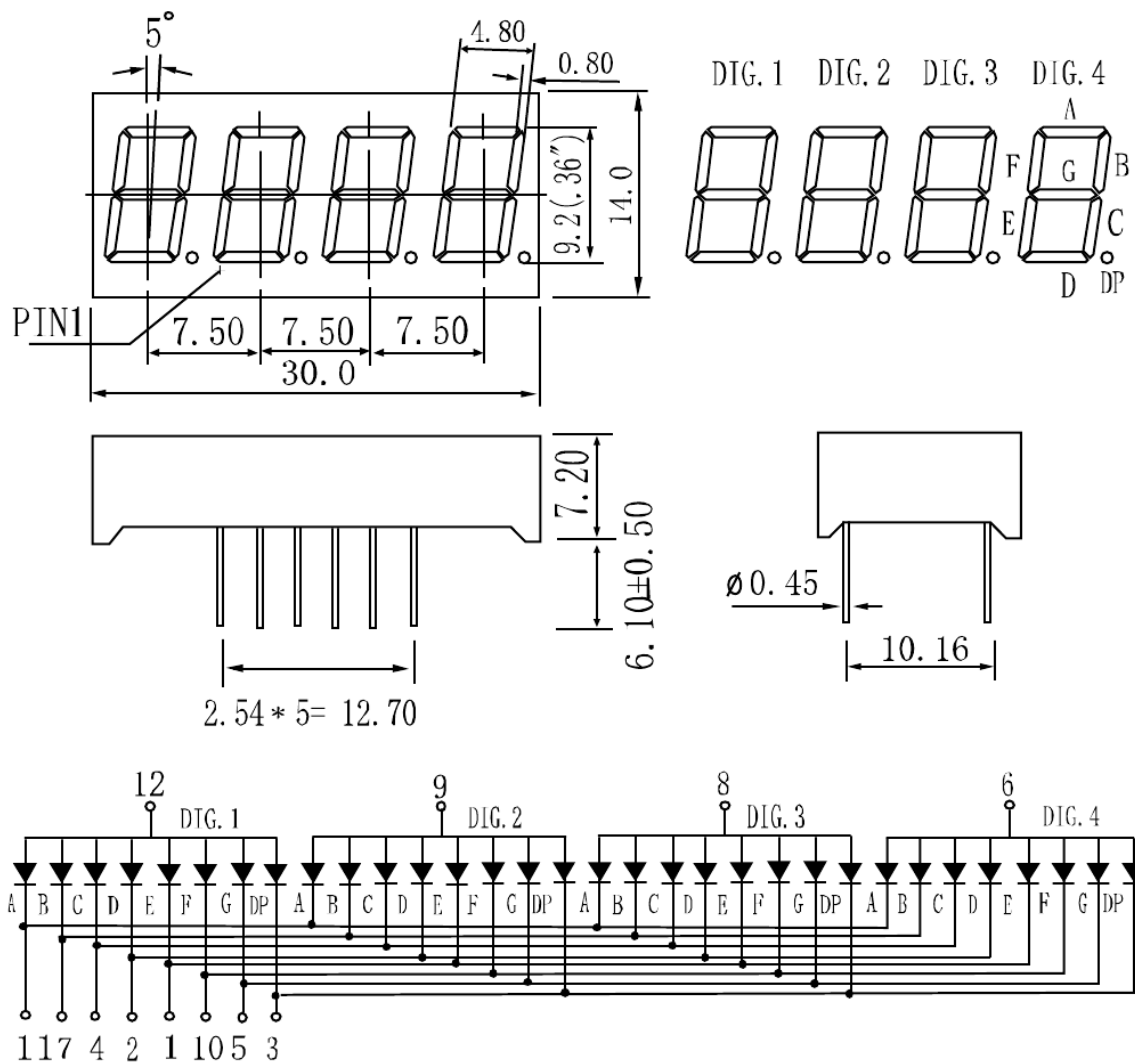
LUMINOUS INTENSITY VS. AMBIENT TEMPERATURE



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

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