

Specification for approval

※ CUSTOMER P/N : IE-4PG-20561G

※ DESCRIPTION :

1、

2、

3、

※ DATE : 2011 10 20

Type :
IE-4PG-20561G



■ FEATURES:

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

■ DESCRIPTION:

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

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(Ta: 25°C) ABSOLUTE MAXIMUM RATINGS AT Ta=25°C:

PARAMETER	SYMBOL	Green	UNIT
Power Dissipation Per Segment	PAD	70	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	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			

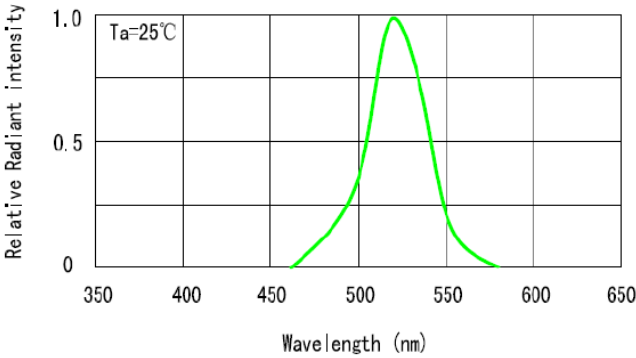
(Ta: 25°C) ELECTRICAL/OPTICAL CHARACTERISTICS AT Ta=25°C:

PARAMETER	SYMBOL	TEST CONDITION	Color	MIN	TYP	MAX	UNIT
Forward Voltage ,Per Segment	VF	IF=20mA	GREEN	3	3.2	3.5	V
Reverse Current , Per Segment	IR	VR=5V	GREEN			50	μA
Peak Emission Wavelength	λp	IF=20mA	GREEN	512.5		515	nm
Luminous Intensity Per Segment	IV	IF=20mA	GREEN	200	250	300	mcd

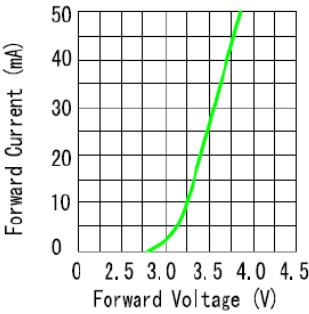
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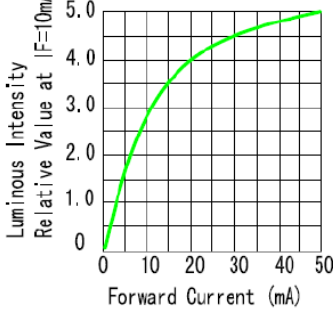
RELATIVE INTENSITY VS. WAVELENGTH



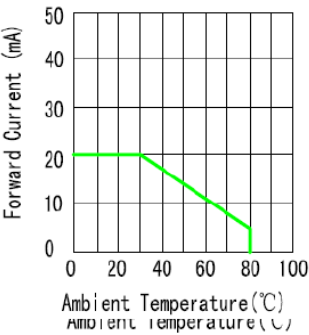
FORWARD CURRENT VS. FORWARD VOLTAGE



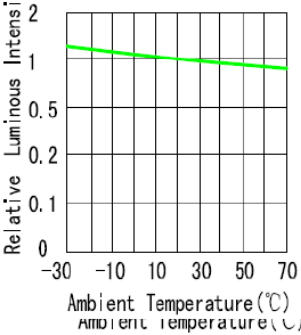
LUMINOUS INTENSITY VS. FORWARD CURRENT



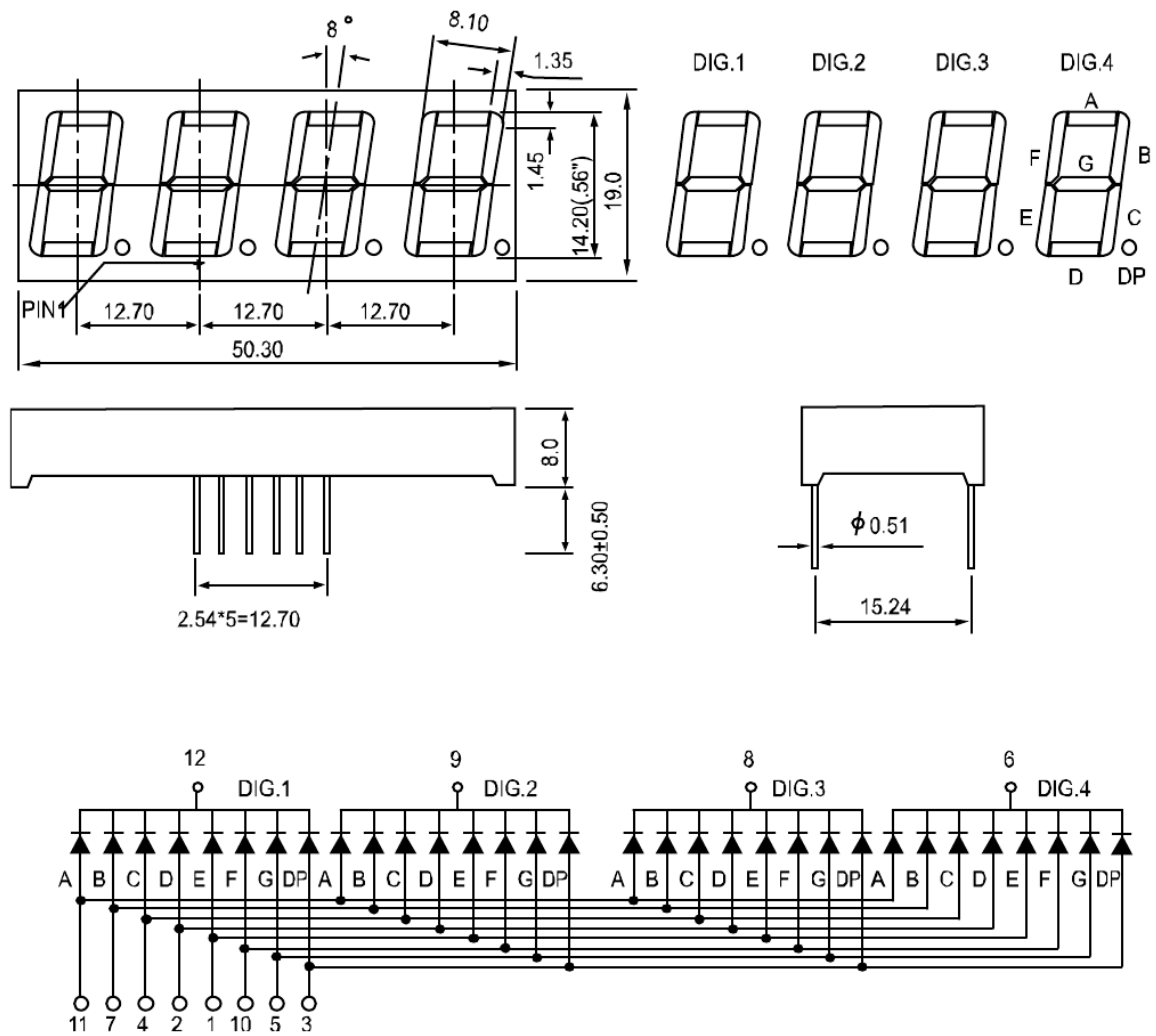
ALLOWABLE FORWARD CURRENT
AMBIENT TEMPERATURE



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.