

Specification for approval

※ CUSTOMER P/N : IE-4PG-20281G

※ DESCRIPTION :

1、

2、

3、

※ DATE : 2015 1 27

■ FEATURES:

- High intensity and reliability
- High quality, Low power requirement and low cost
- IC compatible , Easy assembly
- Meet RoHS EU Directive
- ESD 1000V(HMB)

■ DESCRIPTION:

- 0.28 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、

Type :
IE-4PG-20281G



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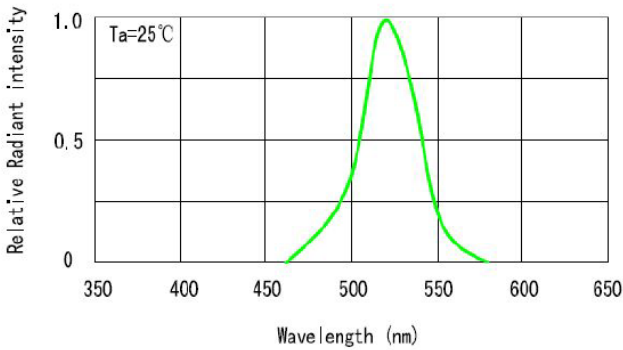
(Ta: 25℃) ABSOLUTE MAXIMUM RATINGS AT Ta=25℃:

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			

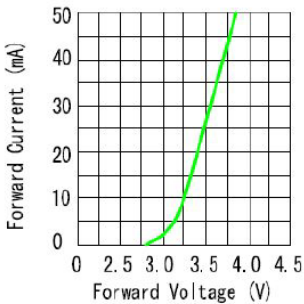
(Ta: 25℃) ELECTRICAL/OPTICAL CHARACTERISTICS AT Ta=25℃:

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

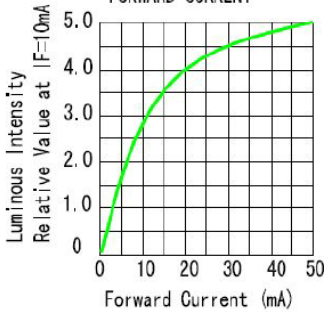
RELATIVE INTENSITY VS. WAVELENGTH



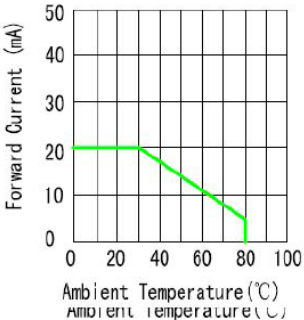
FORWARD CURRENT VS.
FORWARD VOLTAGE



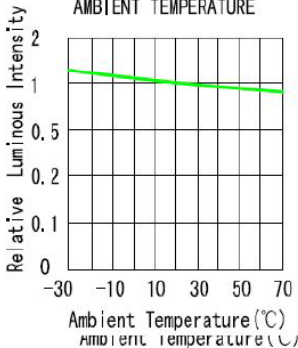
LUMINOUS INTENSITY VS.
FORWARD CURRENT

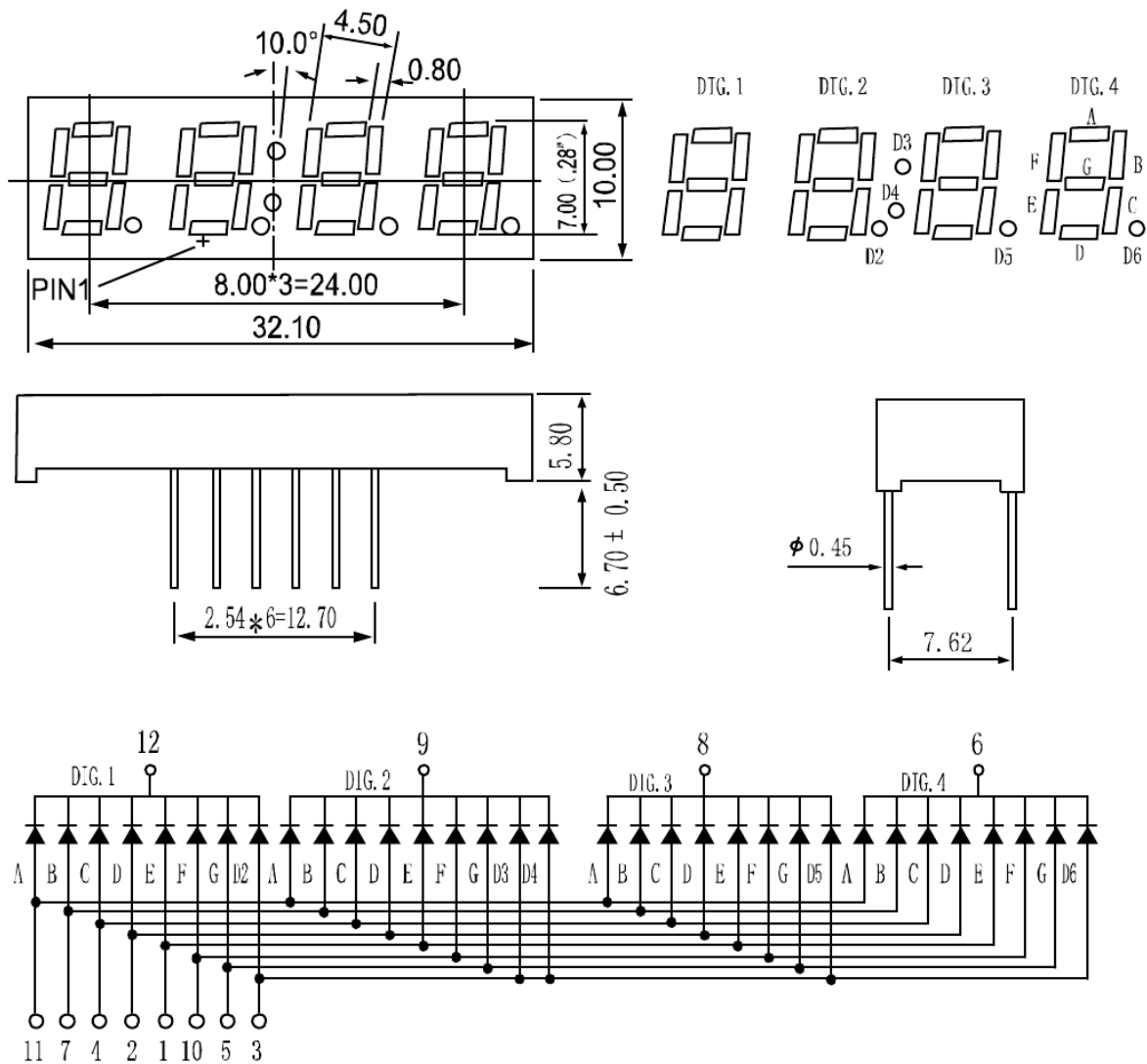


ALLOWABLE FORWARD CURRENT
AMBIENT TEMPERATURE



LUMINOUS INTENSITY VS.
AMBIENT TEMPERATURE





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

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