

Specification for Approval

CUSTOMER P/N): IE-57O-123U

DATE : 2015 8 7

PART NUMBER:
IE-570-123U



■ **FEATURES:**

- High intensity and reliability
- High quality, Low power requirement and low cost
- IC compatible, Easy assembly
- Meet RoHS EU Directive
 - ESD 2000V (HBM)

■ **DESCRIPTION:**

- Dot matrix LED Display
- Common Anode
- Surface Color: Black surface
- White segment
- luminous Color:
 - 1、 Amber
 - 2、
 - 3、
 - 4、
 - 5、
- - 1、 AlGaInP
 - 2、
 - 3、
 - 4、
 - 5、

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

PARAMETER	SYMBOL	ORANGE	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	-35°C to 105°C	
Storage Temperature Range	Tstg	-35°C to 105°C	
Lead Soldering Temperature 260°C at 1.6mm From Body for 3 second			

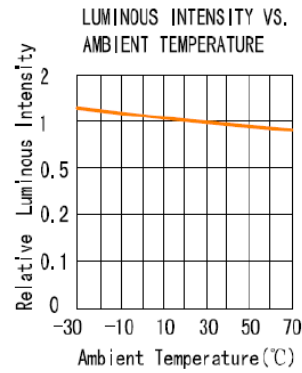
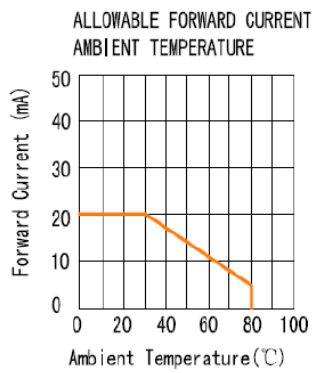
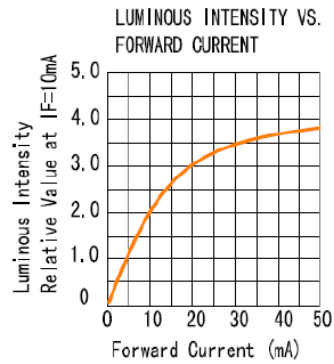
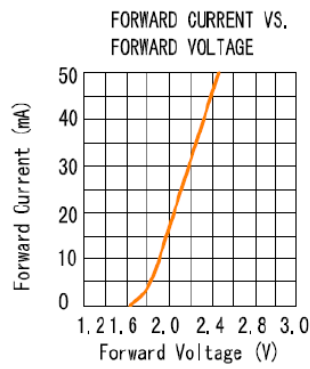
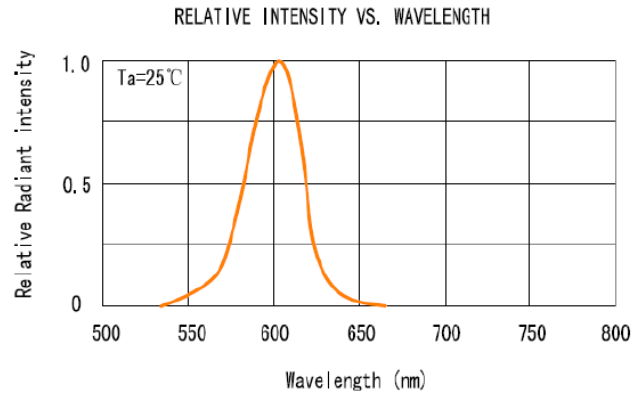
■ (Ta: 25°C) ELECTRICAL/OPTICAL CHARACTERISTICS AT Ta=25°C:

PARAMETER	SYMBOL	TEST CONDITION	Color	MIN	TYP	MAX	UNIT
Forward Voltage ,Per Segment	VF	IF=20mA	ORANGE	1.9	2	2.5	V
Reverse Current , Per Segment	IR	VR=5V	ORANGE			50	µA
Peak Emission Wavelength	λp	IF=20mA	ORANGE	600	603	606	nm
Luminous Intensity Per Segment	IV	IF=20mA	ORANGE	100	120	140	mcd

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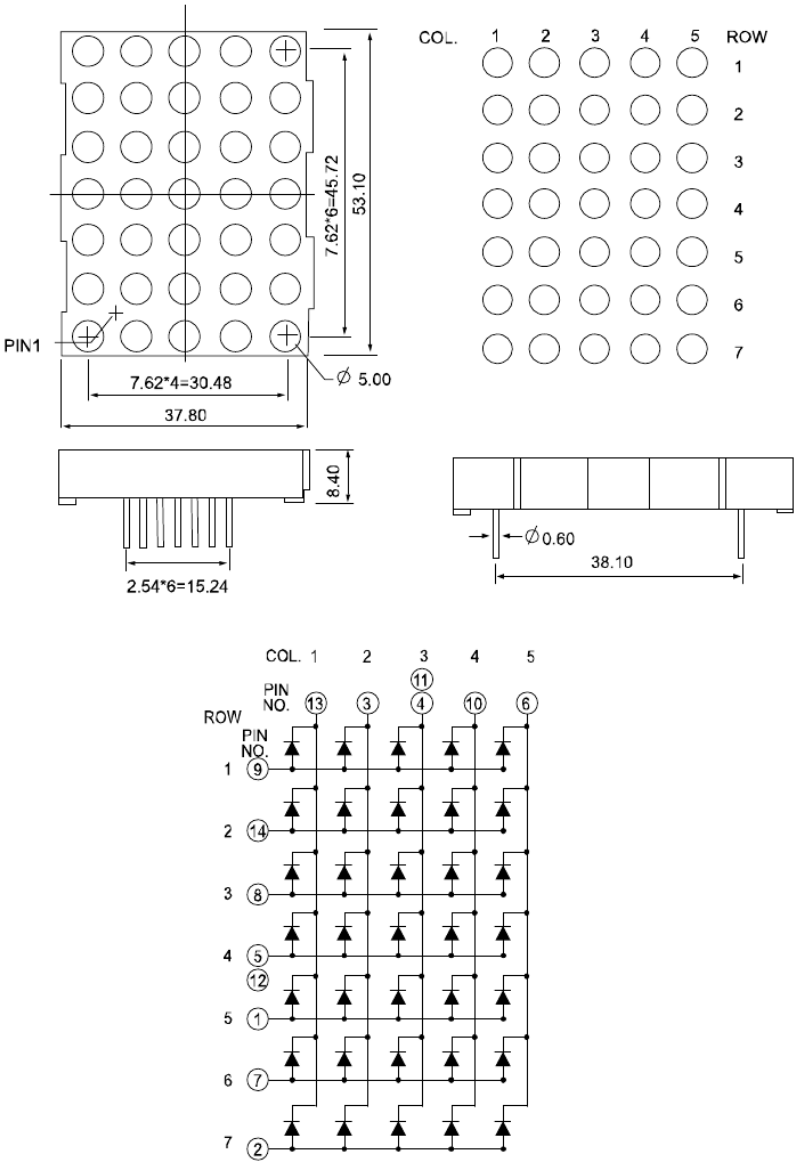
■ **TYPICAL ELECTRO-OPTICAL CHARACTERISTICS CURVES**



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■ DIMENTION AND DIAGRAM



- NOTES : 1. All dimensions are in millimeters. (Inches)
 2. Tolerance is $\pm 0.25(0.010)$ unless otherwise specified.