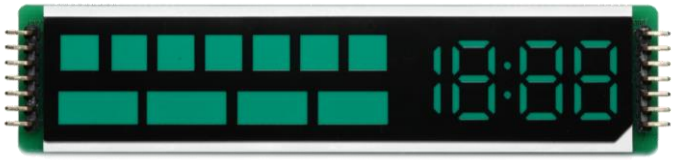
DAEYOUNG ELECTRIC

LED DISPLAY

MODEL : HL-LED1759SB-A101



FEATURES

- High intensity and reliability
- High quality, Low power requirement
- IC compatible , Easy assembly

SPECIFICATIONS

ABSOLUTE MAXIMUM RATINGS (Ta=25℃)

PARAMETER	COLOR	Max	UNIT
Power Dissipation Per Segment	ice blue	76	mW
Peak Forward Current Per Segment (1/10duty cycle ,1KHz)	ice blue	100	mA
Average Forward Current Per Segment	ice blue	20	mA
Derating Linear From 25°C Per Segment	ice blue	0.33	mA/℃
Reverse Voltage Per Segment	ice blue	5	V
Operating Temperature Range	-35℃ to + 85℃		
Storage Temperature Range	-35℃ to + 85℃		
Lead Soldering Temperature 260℃ at 1.6mm From Body for 3 second			

ELECTRICAL/OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	COLOR	MIN.	TYP.	MAX.	UNIT	Test condition
Luminous Intensity Per Segment	I_v	ice blue	—	35	—	mcd	I_F=20mA
Dominant Wavelength	X	ice blue	—	0.21	—	nm	I_F=20mA
	Y		—	0.19	—		
Spectral Line Half-Width	Δλ	ice blue	—	20	—	nm	I_F=20mA
Forward Voltage Per Segment	V_F	ice blue	2.8	3.2	3.8	V	I_F=20mA
Reverse Current Per Segment	I_R	—	—	—	0.5	μA	V_R =5V
Luminous Intensity Matching Ratio (Segment To Segment)	I_{v-m}	—	—	—	2 : 1	—	I_F =10mA

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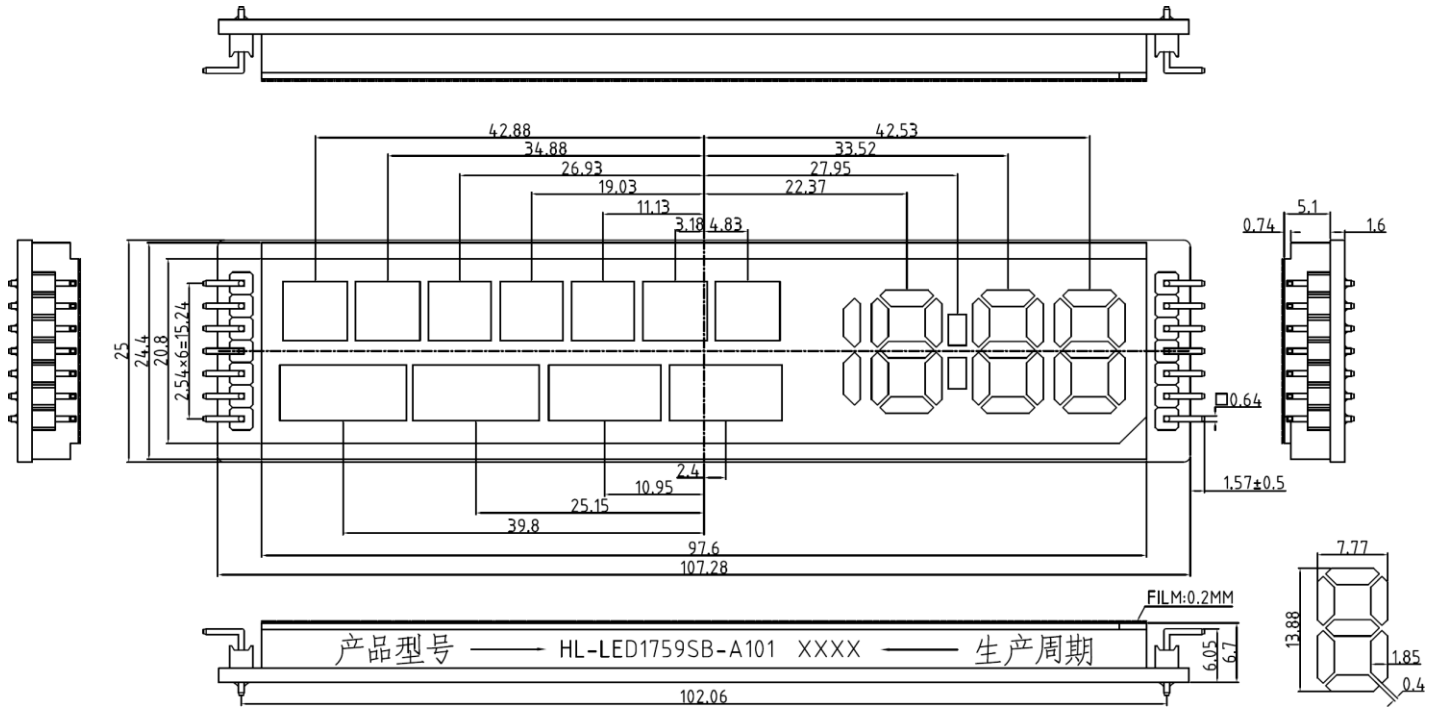
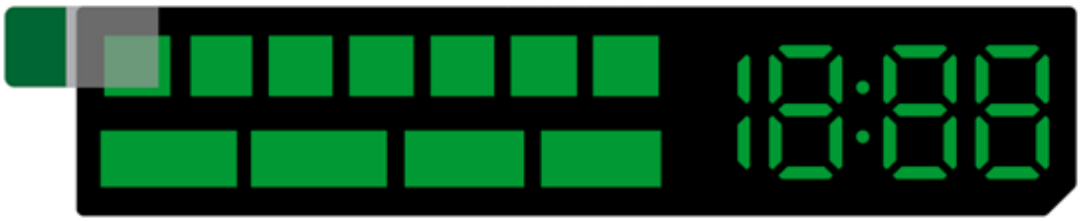
RoHS

DIMENSIONS





NOTES : All dimensions are in millimeters (inches) tolerance are ± 0.25mm(0.010) unless otherwise noted