

## WAVELESS LED DISPLAY

**MODEL** : HL-LED1539D-C102

### FEATURES

- customer design, dual display
- high intensity and reliability
- high quality, Low power requirement
- IC compatible , Easy assembly



### SPECIFICATIONS

#### ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

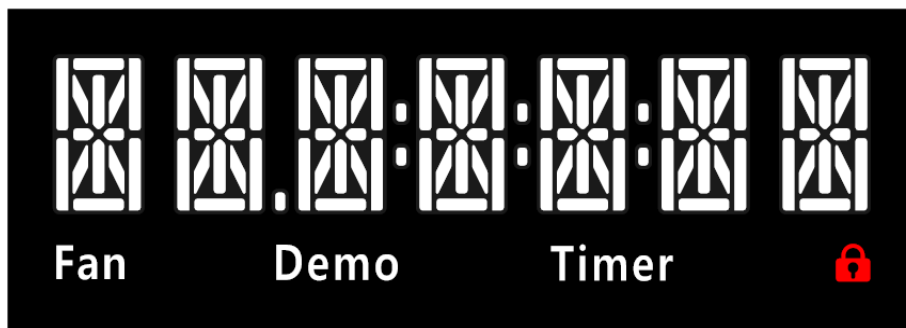
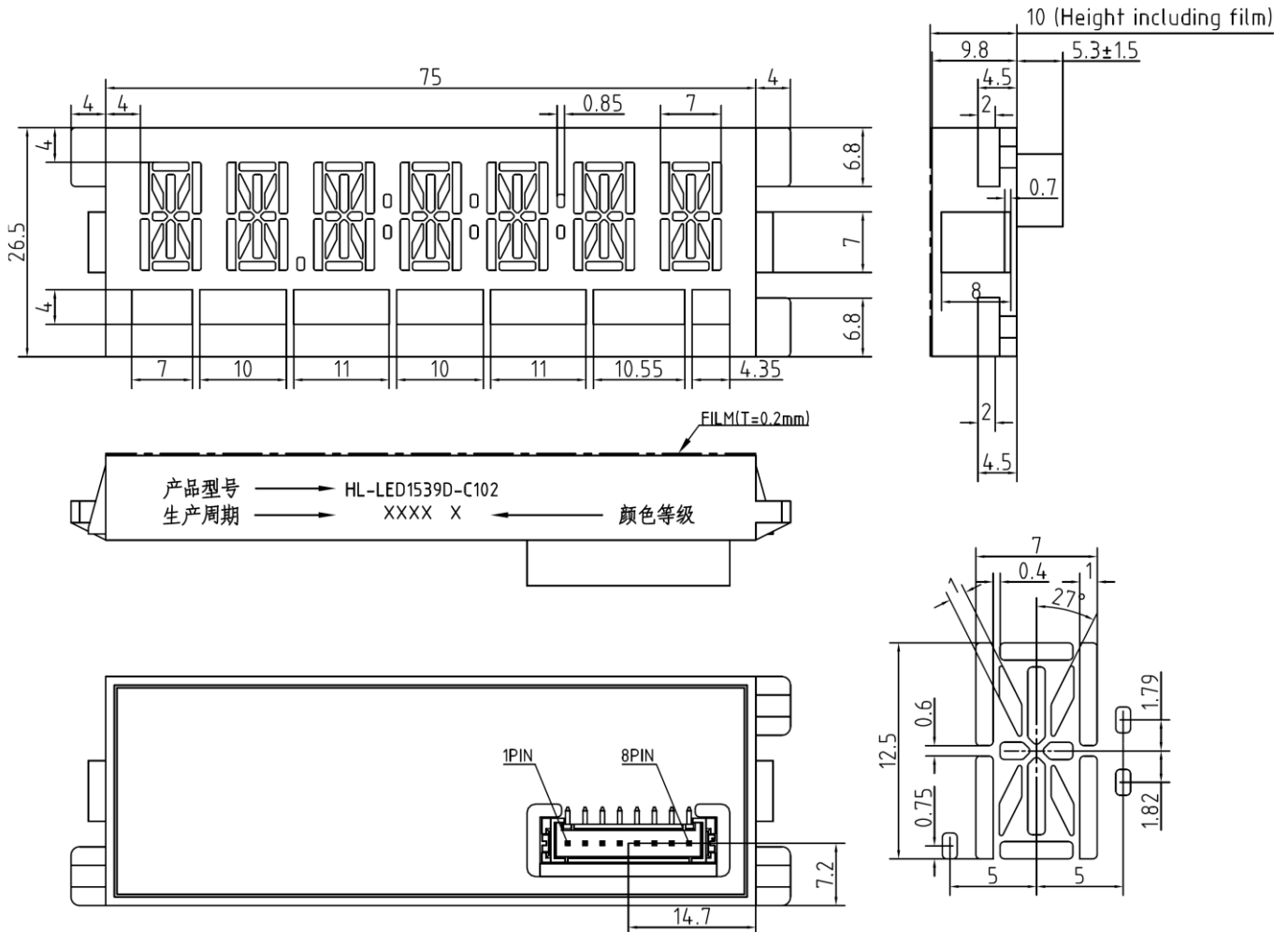
PARAMETER	COLOR	Max	UNIT
Power Dissipation Per Segment	white	76	mW
	red	52	
Peak Forward Current Per Segment (1/10duty cycle ,1KHz)	white	100	mA
	red	100	
Average Forward Current Per Segment	white	20	mA
	red	20	
Derating Linear From 25°C Per Segment	white	0.21	mA/°C
	red	0.21	
Reverse Voltage Per Segment	white	5	V
	red	5	
Operating Temperature Range	-35°C to + 85°C		
Storage Temperature Range	-35°C to + 85°C		
Lead Soldering Temperature 260°C 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 <sub>v</sub>	white	112	—	224	mcd	IF=5mA
		red	18	—	45		
Dominant Wavelength	λ <sub>D</sub>	red	618	—	632	nm	IF=5mA
Chromaticity Coordinate	X	white	—	0.303	—		IF=5mA
	Y		—	0.305	—		
Spectral Line Half-Width	Δλ	white	—	20	—	nm	IF=5mA
		red	—	20	—		
Forward Voltage Per Segment	V <sub>F</sub>	white	2.8	—	3.6	V	IF=5mA
		red	1.6	—	2.2		
Reverse Current Per Segment	I <sub>R</sub>	—	—	—	0.5	μA	V <sub>R</sub> =5V
Luminous Intensity Matching Ratio (Segment To Segment)	I <sub>v-m</sub>	—	—	—	2 : 1	—	I <sub>F</sub> =10mA

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### DIMENSIONS



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