

## LED DISPLAY

**MODEL :** HL-LED1169SE-A117

### FEATURES

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



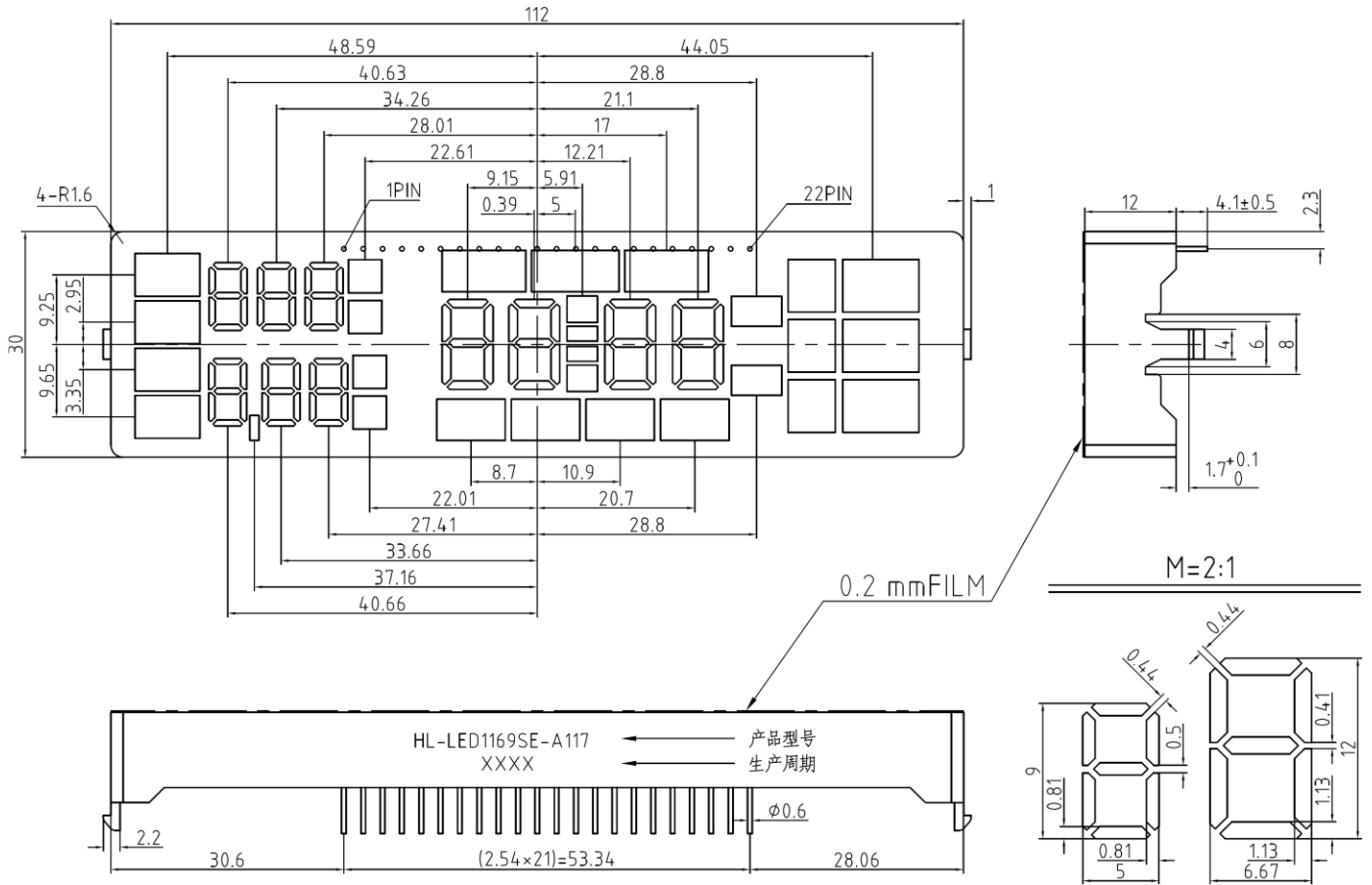
### SPECIFICATIONS

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

PARAMETER	COLOR	Max	UNIT
Power Dissipation Per Segment	orange	52	mW
Peak Forward Current Per Segment (1/10duty cycle ,1KHz)	orange	100	mA
Average Forward Current Per Segment	orange	20	mA
Derating Linear From 25°C Per Segment	orange	0.33	mA/°C
Reverse Voltage Per Segment	orange	5	V
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	$I_v$	orange	—	16	—	mcd	$I_F=10mA$
Dominant Wavelength	$\lambda_D$	orange	620	623	627	nm	$I_F=20mA$
Spectral Line Half-Width	$\Delta\lambda$	orange	—	20	—	nm	$I_F=20mA$
Forward Voltage Per Segment	$V_F$	orange	1.8	2	2.6	V	$I_F=20mA$
Reverse Current Per Segment	$I_R$	—	—	—	0.5	$\mu A$	$V_R = 5V$
Luminous Intensity Matching Ratio (Segment To Segment)	$I_{v-m}$	—	—	—	2 : 1	—	$I_F = 10mA$

**LED DISPLAY**
**DIMENSIONS**


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