华田信科电子有限公司

HTDISPLAY ELECTRONICS CO.,LTD.

The professional LCD manufacturer

www.htdisplay.com

SPECIFICATIONS

Product Name: BL

Model Part Number: HS00C00-L-VA

Revision: V0 Date: 2025-5-79

Prepared By:	Reviewed By:	Approved By:
ZJL	JYQ	HK

Customer: _____

Customer Approved Result: _____ □ OK □ NG _____

Customer Confirmed Message: _____

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Approved By: _____ Date: _____

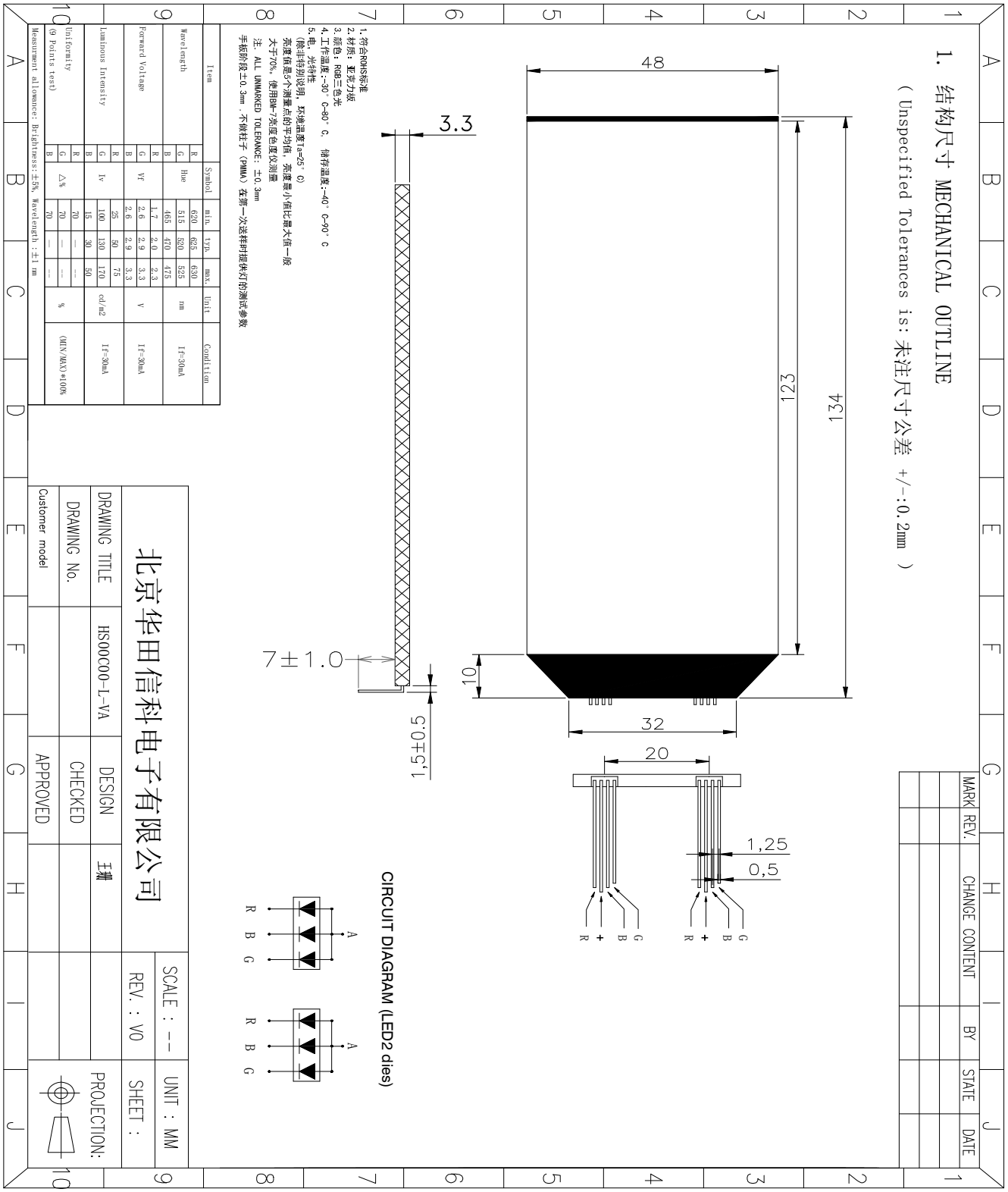
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1. Mechanical Specifications

Item	Description	Unit
Module Dimension	134(W) ×48(H) ×3.3(T)	mm
Viewing Area	123(W) * 48(H)	mm

1.1 Dimensional Outline



1.2 Electrical characteristics

Condition		If=30mA (Ta=25℃)				
Item		Symbol	min	Typ.	Max.	Unit
Wavelength	R	Hue	620	625	630	nm
	G		515	520	525	
	B		465	470	475	
Forward Voltage	R	Vf	1.7	2.0	2.3	V
	G		2.6	2.9	3.3	
	B		2.6	2.9	3.3	
Luminous Intensity	R	Iv	25	50	75	Cd/m2
	G		100	130	170	
	B		15	30	50	
Uniformity	R	△%	70	-	-	%
	G		70	-	-	
	B		70	-	-	
Measurement allowance: Brightness: ±5%, Wavelength: ±1 nm						

Note: 1 Environment Luminance: ≤0.1cd/m2

2 Test Instrument: BM-7

3 Test Distance: 500mm

4 Aperture Diameter: 1°

1.3 Schematic diagram

CIRCUIT DIAGRAM (LED2 dies)

