

LED Display Module

MW7225-M



Features

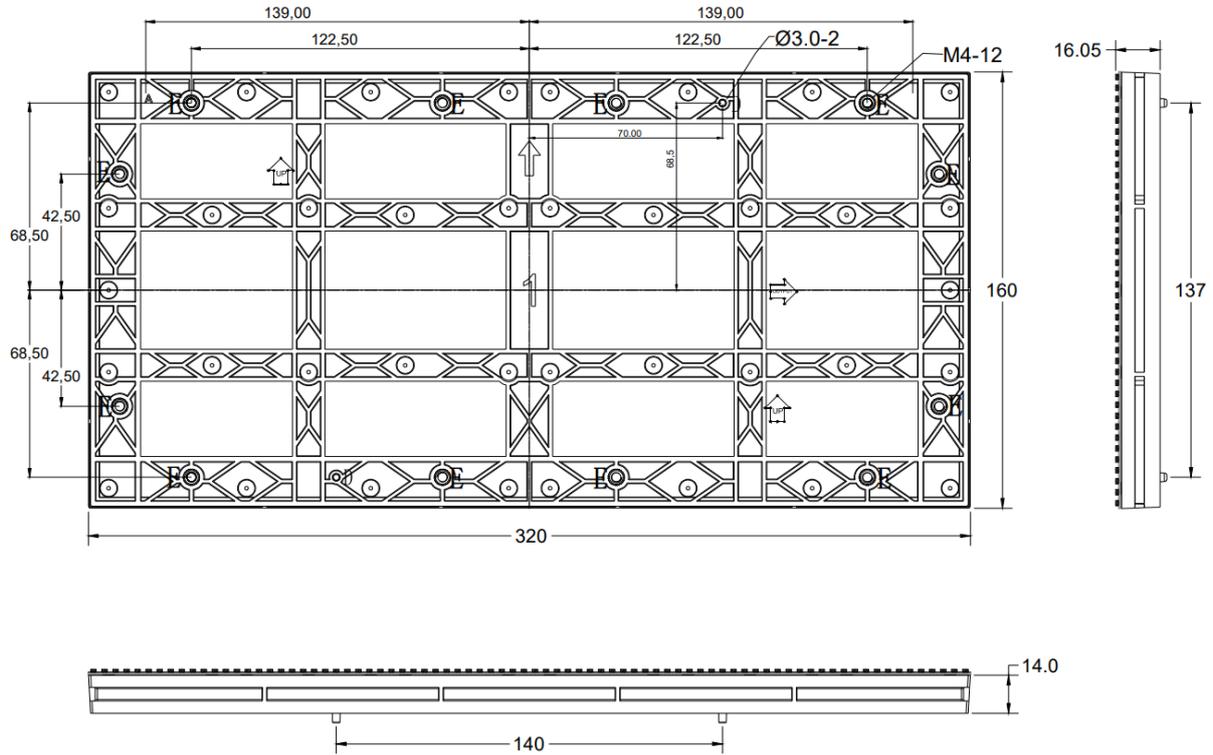
- 2.5mm pixel pitch. The R, G, B wafers are encapsulated together to form a single pixel, delivering excellent color mixing effect and uniformity.
- Integrates lamp board and drive board for even current distribution, low power consumption, and fast heat dissipation.
- High refresh rate driver IC presents delicate and smooth images.
- High brightness and high reliability.
- High contrast with full black lamp.
- Long lifetime.
- Ultra-wide viewing angle ensures satisfactory viewing experience from diversified angles.

Specifications

Model	MW7225-M
Module	
Pixel Pitch	P2.5
Module Resolution (W × H)	128 × 64
Module Dimensions (mm)	320 × 160
Cabinet	
Processing Image	

Single Pixel Brightness Correction	Support
Single Pixel Color Correction	Support
Brightness (nits)	400
Color Temperature (K)	3000 to 12000 adjustable
Viewing Angle (H/V)	160°/140°
Center distance deviation of LED	< 3%
Brightness Uniformity	≥ 97%
Color Uniformity (Cx, Cy)	± 0.003
Contrast Ratio	4000:1
Processing performance	
Pixel Density (pitch/m ²)	160000
Surface Evenness (mm)	≤ 0.2
Grayscale	14 bit
Scanning Mode	64 S
Drive Mode	Constant current driving
Frame Frequency (Hz)	50/60
Refresh Rate (Hz)	≥ 3840
Electrical	
Power Supply	DC 4.5 V
Average Power Consumption (W/m ²)	150
Max. Power Consumption (W/m ²)	450
General	
Maintenance Mode	Front/rear
Ingress Protection	IP30
Weight (kg/pcs)	0.4
Operating Temperature	-10°C to 40°C
Operating Humidity	10% to 80% RH, non-condensing
Storage Temperature	-20°C to 60°C
Storage Humidity	10% to 80% RH, non-condensing
LED Lifetime (h)	100000

Dimensions



Ordering Info

Product Model	Description
MW7225-M	LED Display Module

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