

# KLM - 128MA - 16A

This module designed for light emitting display device. Organize with 16 x 16 matrix combination with 256 of each Red, Green LED Chips, for indoor use.

**FEATURES**

- Active display size : 128mm x128mm
- Dot size :  $\phi$  6.5
- Dot pitch : 7.5mm
- Display color : RED, GREEN, AMBER(Mixed color)
- Duty rate : 1/16
- Dot matrix : 256(16 x16)
- Weight : 270g(Typ.)
- With a simple serial - inter face.

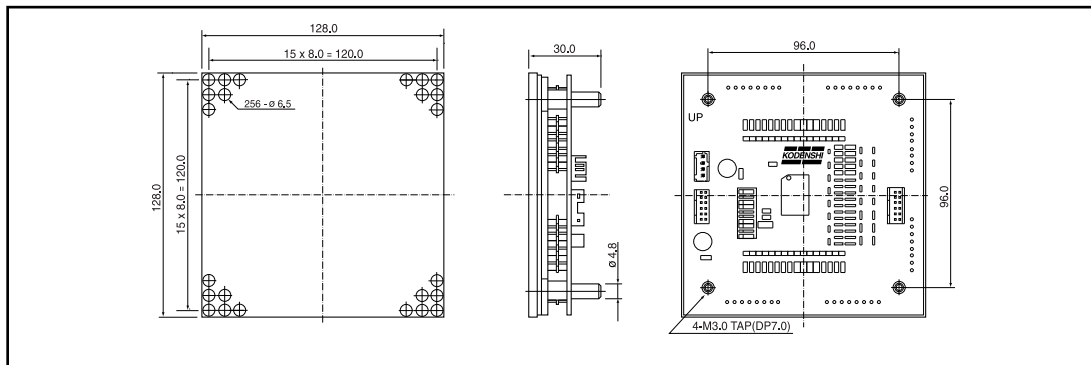
**MAXIMUM RATINGS**

(Ta=25 )

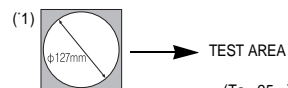
ITEM	SYMBOL	RATINGS	UNIT	COND.
Power dissipation	P <sub>o</sub>	18	W	
Supply voltage(DRIVE)	V <sub>DD</sub>	6	V	
Supply voltage(LED)	V <sub>LED</sub>	6	V	
Logic input power	V <sub>in</sub>	- 0.5 ~ V <sub>DD</sub>	V	
Junction Temp.	T <sub>J</sub>	115		
Operating Temp.	T <sub>opr</sub>	- 20 ~ +65		
Storage Temp.	T <sub>stg</sub>	- 20 ~ +70		

**DIMENSIONS**

(Unit : mm)



**OPTICAL CHARACTERISTICS**



(Ta=25 )

ITEM	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT.
Bright - ness(16x 16)	GREEN	IV <sub>g</sub>	-	70	-	cd/m <sup>2</sup> · 1
	RED	IV <sub>r</sub>	-	50	-	
	AMBER	IV <sub>o</sub>	-	100	-	
Dot - Balance	GREEN	IVR <sub>g</sub>	-	-	2	-
	RED	IVR <sub>r</sub>	-	-	2	
	AMBER	IVR <sub>o</sub>	-	-	2	
Emission Wavelen - ght	GREEN	p <sub>g</sub>	-	565	-	nm
	RED	p <sub>r</sub>	-	630	-	
Spectrum half - band	GREEN	g	-	25	-	nm
	RED	r	-	40	-	

