

KLM - 096CA - 16A

This module designed for light emitting display device. Organize with 16 x 16 matrix combination with 256 of DUAL(Red, Green) Chip LEDs, for indoor use.

FEATURES

- Active display size : 96mm x96mm
- Dot size : $\varnothing 5$
- Dot pitch : 6mm
- Display color : RED, GREEN, AMBER(Mixed color)
- Duty rate : 1/16
- Dot matrix : 256(16 x16)
- Weight : 63g(Typ.)

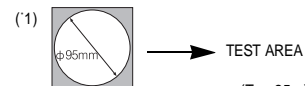
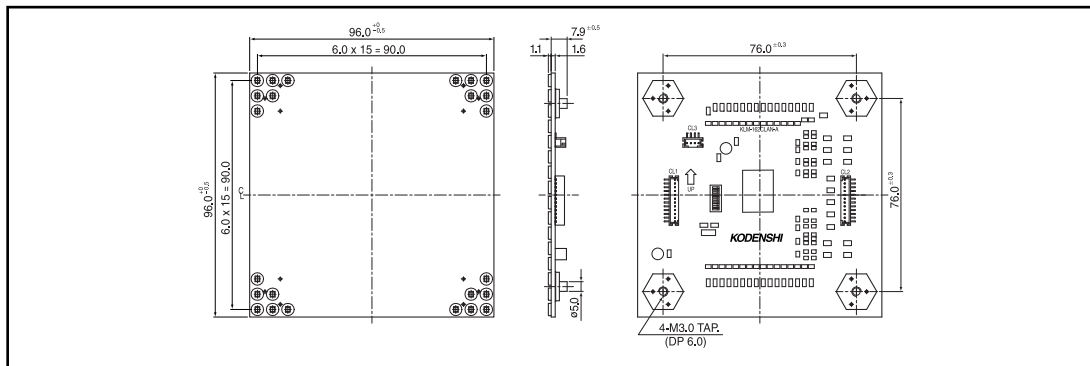
MAXIMUM RATINGS

(Ta=25)

ITEM	SYMBOL	RATINGS	UNIT	COND.
Power dissipation	P _D	18	W	
Supply voltage(DRIVE)	V _{DD}	6	V	
Supply voltage(LED)	V _{LED}	6	V	
Logic input power	V _{in}	- 0.5 ~ V _{DD}	V	
Junction Temp.	T _J	115		
Operating Temp.	T _{opr}	- 20 ~ + 65		
Storage Temp.	T _{stg}	- 20 ~ + 70		

DIMENSIONS

(Unit : mm)



OPTICAL CHARACTERISTICS

(Ta=25)

ITEM	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT.
Bright - ness(16x 16)	GREEN	IV _g	-	150	-	cd/m ² · 1'
	RED	IV _r	-	180	-	
	AMVER	IV _o	-	250	-	
Dot - Balance	GREEN	IVR _g	-	-	2	-
	RED	IVR _r	-	-	2	
	AMBER	IVR _o	-	-	2	
Emission Wavelength	GREEN	λ _p	-	570	-	nm
	RED	λ _r	-	660	-	
	AMBER	λ _o	-	-	-	
Spectrum half - band	GREEN	g	-	30	-	nm
	RED	r	-	40	-	

