

KLM - 128CA - 16B

This module designed for light emitting display device. Organize with 16 x 32 matrix combination with 512 of DUAL(Red, Green)Chip LEDs, for indoor use.

FEATURES

- Active display size : 128mm x256mm
- Dot size : ϕ 6.5
- Dot pitch : 8mm
- Display color : RED, GREEN, AMBER(Mixed color)
- Duty rate : 1/16
- Dot matrix : 512(16 x16)
- Weight : 130g(Typ.)

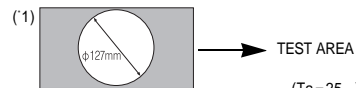
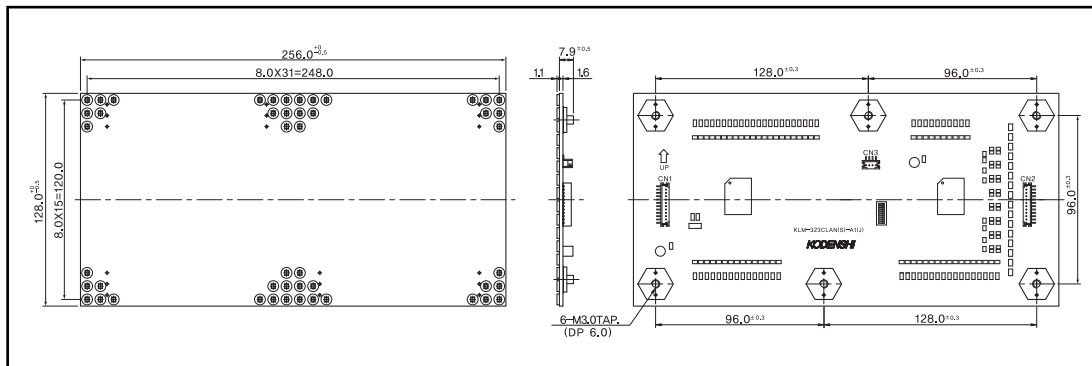
MAXIMUM RATINGS

(Ta=25)

ITEM	SYMBOL	RATING	UNIT	COND.
Power dissipation	P_D	25	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_a	- 20 ~ + 65		
Storage Temp.	T_s	- 20 ~ + 70		

DIMENSIONS

(Unit : mm)



OPTICAL CHARACTERISTICS

(Ta=25)

ITEM	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT.
Bright - ness(16x 16)	GREEN	$V_{DD} = 5V$	-	100	-	$cd/m^2 \cdot 1$
	RED		-	120	-	
	AMBER		-	180	-	
Dot - Balance	GREEN	$V_{LED} = 5V$	-	-	2	-
	RED		-	-	2	
	AMBER		-	-	2	
Emission Wavelength	GREEN		-	570	-	nm
	RED		-	660	-	
	AMBER		-	-	-	
Spectrum half - band	GREEN		-	30	-	nm
	RED		-	40	-	

