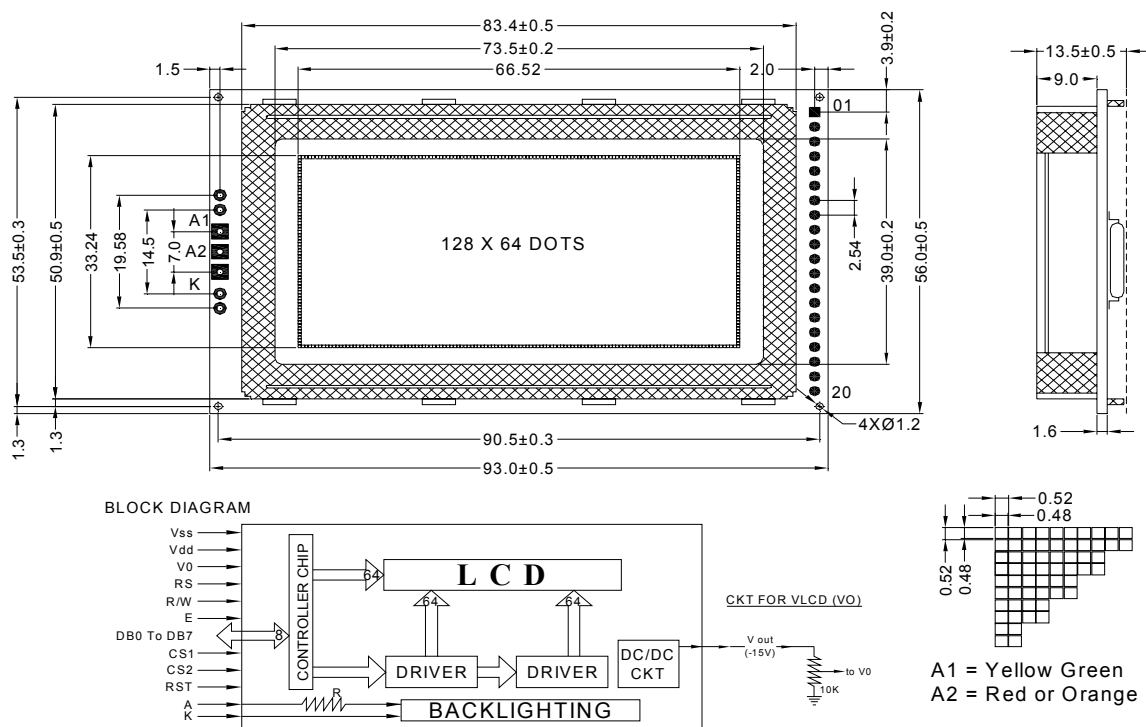


LG128640 [128 x 64, 1/64 MUX]

DIMENSION IN MM



[*] DIMENSIONS FOR LED BACKLIGHT VERSION

TABULATED DATA

MODEL	DISPLAY FORMAT DOT. x DOT	DRIVING DUTY	DOT PITCH W x H	DOT SIZE W x H	VIEWING AREA W x H	MODULE SIZE W x H
LG128640	128 x 64	1/64	0.52 x 0.52	0.48 x 0.48	73.5 x 39.0	93.0 x 56.0

ELECTRICAL DATA (Ta = 25°C, Vdd = +5V ± 0.25V)

ITEM	SYMBOL	TEST CONDITION	STANDARD VALUES			UNITS
			MIN.	TYP.	MAX.	
Input High Voltage	V _{iH}	-	0.7	-	V _{dd}	V
Input Low Voltage	V _{iL}	-	V _{ss}	-	0.3	V
Output High Voltage	V _{oH}	- I _{oH} = 0.2mA	2.4	-	-	V
Output Low Voltage	V _{oL}	- I _{oL} = 1.6mA	-	-	0.4	V
Supply Current	I _{dd}	V _{dd} = 5.0V	-	1.6	2.8	mA
Operating Voltage for LCD	V _{dd} -V _o	T _a = 0°C	- 3.2	- 6.2	-12.0	V
		T _a = 25°C	- 2.8	- 4.8	-11.8	V
LED Backlight Current	I _{LED}	V _{dd} = 5.0V	80	120	140	mA

PIN DETAILS

PIN No.	DESCRIPTION	PIN No.	DESCRIPTION	PIN No.	DESCRIPTION
1	Gnd	5	R / \bar{W}	16	$\bar{CS2}$
2	Vcc	6	E	17	\bar{RST}
3	Vo	7 to 14	DB0 to DB7	18	-Vout(-15V)
4	RS	15	$\bar{CS1}$	19 & 20	A1 & A2

Max. Ratings

Item	MAX.
Top	-15 to +65°C
T _{st}	-20 to +70°C
V _{dd}	+5 Volts
RH _(op)	85% @ +40°C