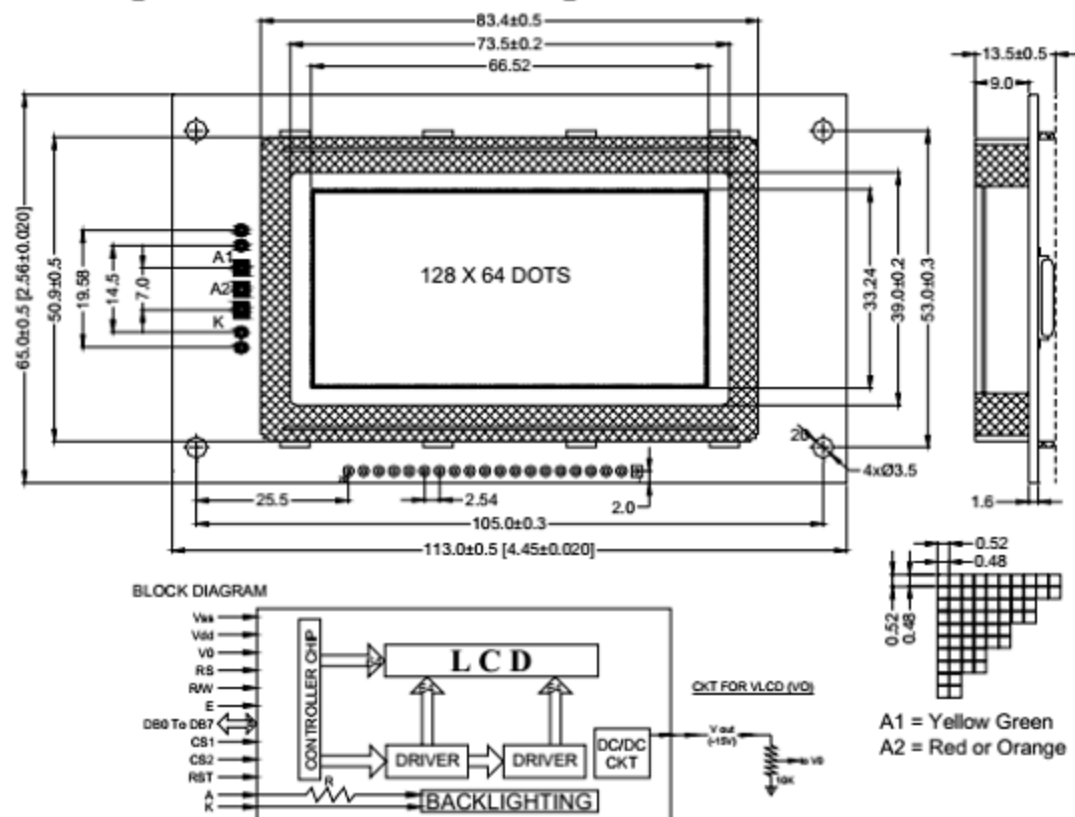


LG128641 [128 x 64, 1/64 MUX]

DIMENSION IN MM



[*] DIMENSIONS FOR LED BACKLIGHT VERSION

TABULATED DATA

MODEL	DISPLAY FORMAT DOT x DOT	DRIVING DUTY	DOT SIZE W x H	DOT PITCH W x H	VIEWING AREA W x H	PCB SIZE W x H
LG128641	128 x 64	1/64	0.48 x 0.48	0.52 x 0.52	73.5 x 39.0	113.0 x 65.0

ELECTRICAL DATA (T_a = 25°C, V_{dd} = +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} = 1.2mA	-	-	0.4	V
Supply Current	I _{dd}	V _{dd} = 5.0V	-	3.6	6.0	mA
Operating Voltage for LCD	V _{dd} -V _{out}	T _a = 0°C	-9.6	-12.5	-14.8	V
		T _a = 25°C	-9.4	-12.2	-14.6	V
LED Backlight Current	I _{LED}	V _{dd} = 5.0V	90	120	150	mA

PIN DETAILS

PIN No.	DESCRIPTION	PIN No.	DESCRIPTION	PIN No.	DESCRIPTION
1	Gnd	5	R / \bar{W}	16	CS2
2	V _{cc}	6	E1	17	RST
3	V _o	7 to 14	DB0 to DB7	18	-V _{out} (-15V)
4	RS	15	CS1	19 & 20	A1 & A2

MAX. RATINGS

ITEM	MAX.
Top	-20 to +70°C
T _{st}	-30 to +80°C
V _{dd}	+5Volts
RH %	85% @ +40°C