

JHD12864C SERIES

CHARACTERISTICS

DISPLAY CONTENT : 128 x 64 DOTS

DRIVING MODE : 1/64D

AVAILABLE TYPES :

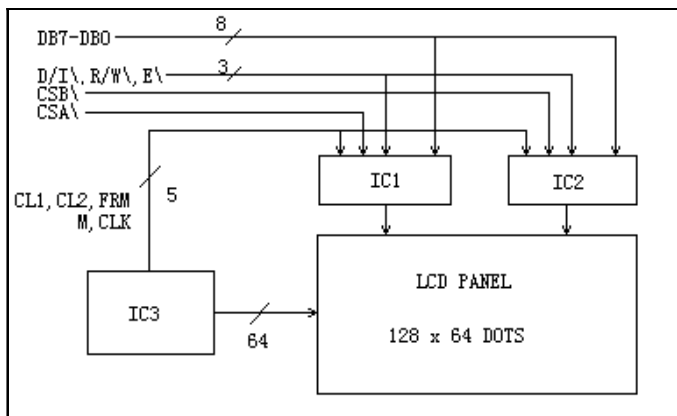
STN(YELLOW GREEN、GREY、 B/W)

REFLECTIVE、 WITH EL OR LED

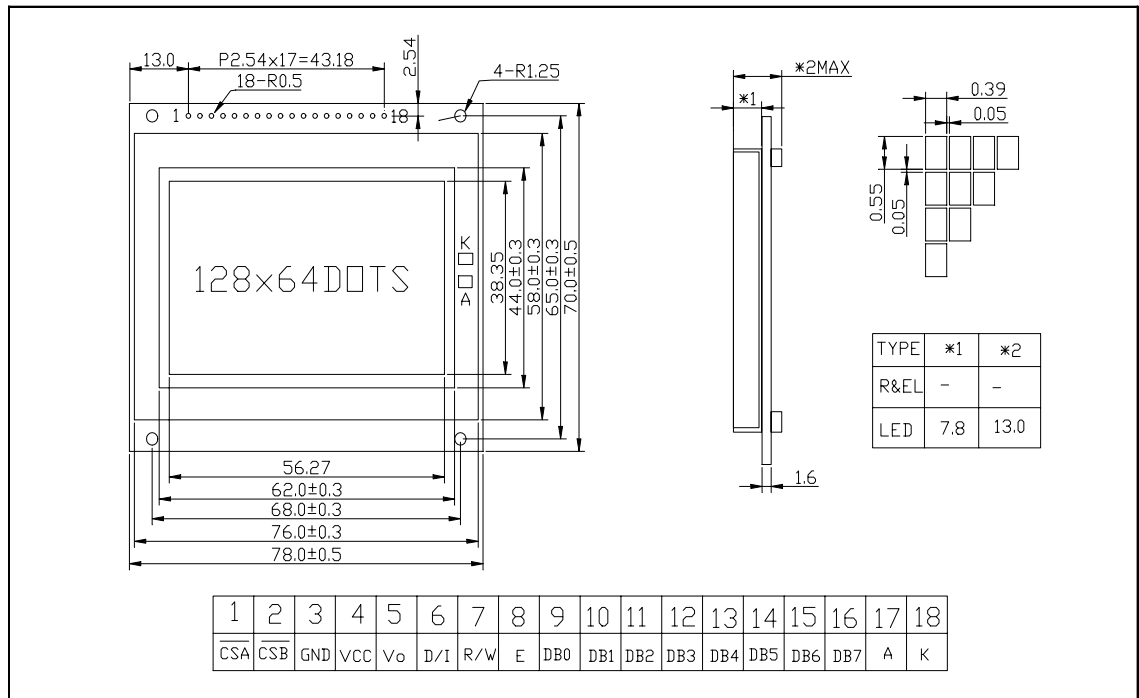
EL/100VAC, 400HZ

LED/4.2VDC

APPLICATION CIRCUIT



DIMENSIONS/DISPLAY CONTENT



LIMIT PARAMETER

PARAMETER	Symbol	Testing Criteria	Standard Values		UNIT
			MIN	MAX	
Supply Voltage	V _{DD-VSS}	Ta=25°C	0	6.5	V
LCD Voltage	V _{DD-V0}		0	15.0	V
Input Voltage	V _I		0	V _{DD}	V

ELECTRIC PARAMETER

PARAMETER		Symbol	Testing Criteria	Standard Values			UNIT
				MIN	Typical	MAX	
Voltage	LOGIC	V _{DD-VSS}	-	4.75	5.0	5.25	V
	LCD	V _{DD-V0}	-	-	9.5	-	V
Current	LOGIC	I _{DD}	-	-	4.0	-	mA
	LCD	I _{EE}	-	-	3.0	-	mA
LCD Drive Voltage (recommend)			0°C	-	10.5	-	V
			25°C	-	9.5	-	V
			40°C	-	8.5	-	V
Input Voltage	‘ H ’ Level	V _{IH}	High	0.7V _{DD}	-	V _{DD}	V
	‘ L ’ Level	V _{IIL}	Low	0	-	0.3V _{DD}	V

PIN CONFIGURATION

PIN	SYMBOL	LEVEL	INSTRUCTION
1	CSA	H	Select Signal 1,High effective
2	CSB	H	Select Signal 2,High effective
3	GND	0V	Ground contact (GND)
4	V _{DD}	5.0V	Power Supply Voltage
5	V ₀	LCD Drive Voltage	Adjust Contrast
6	D/I	H/L	H : DATA ; L : COMMAND
7	R/W	H/L	H : READ ; L : WRITE
8	E	H,H→L	IC select signal
9	DB0	H/L	DATA 0
10	DB1	H/L	DATA 1
11	DB2	H/L	DATA 2
12	DB3	H/L	DATA 3
13	DB4	H/L	DATA 4
14	DB5	H/L	DATA 5
15	DB6	H/L	DATA 6
16	DB7	H/L	DATA 7
17	A	-	Back LED Anode
18	K	-	Back LED Negative