

DG-12864-11

- 128 x 64dots
- STN Reflective/EL/LED Backlight
- 1/64 Duty,

MECHANICAL DATA		
Item	Dimension	Unit
Module Size	78.0(W) x 70.0(H) x 10.5(T)	mm
View Area	62.0(W) x 44.0(H)	mm
Dot Size	0.4 x 0.56	mm
Dot Pitch	0.44 x 0.6	mm

ABSOLUTELY MAXIMUM RATINGS					
Item	Symbol	Standard Value			Unit
		Min	Typ.	Max.	
Supply Voltage for Logic	$V_{DD} - V_{SS}$	0	--	7.0	V
Supply Voltage for LCD Drive	$V_{DD} - V_{EE}$	0	--	10.0	V
Input Voltage	V_I	V_{SS}	--	V_{DD}	V

PIN FUNCTIONS			
Pin No.	Symbol	Level	Function
1	/CSA	--	Clip Selection
2	/CSB	--	Clip Selection
3	V_{SS}	--	GND
4	V_{DD}	--	Power Supply For Logic
5	V_O	--	Power Supply For LCD Drive
6	D/I	H/L	H :DATA Input L:Instruction Code Input
7	R/W	H/L	H:Data Read L:Data Write
8	E	H,H-L	Enable Signal

9~16	DB0~DB7	H/L	Data Bus Line
17	RST	L	Reset
18	V _{EE}	--	Negative Voltage Output(-5V)
19	NC	--	No Connection
20	NC	--	No Connection

ELECTRICAL CHARACTERISTICS						
Item	Symbol	Condition	Min.	Typ.	Max.	Unit
Logic circuit Power Supply Voltage	V _{DD} -V _{SS}	--	4.5	5.0	5.5	V
LCD Driver Circuit Power Supply Voltage	V _{DD} -V ₀	-20°C	--	8.97	--	V
		0°C	--	9.109	--	V
		25°C	--	8.969	--	V
		50°C	--	8.736	--	V
		70°C	--	8.35	--	V
Input Voltage	V _{IH}	Note(1)	0.7xV _{DD}	--	V _{DD}	V
Input Voltage	V _{IL}	Note(1)	V _{SS}	--	0.3xV _{DD}	V
Supply Current(Logic)	I _{DD}	V _{DD} =5.0V	--	1.0	3.0	mA