

## DG-12232

- 122 x 32 dots
- STN Reflective/EL/LED Backlight
- 1/32 Duty,

MECHANICAL DATA		
Item	Dimension	Unit
Module Size	84.0(W) x 44.0(H) x 10.0(T)	mm
View Area	60.5(W) x 18.5(H)	mm
Dot Size	0.4 x 0.45	mm
Dot Pitch	0.44 x 0.49	mm

ABSOLUTELY MAXIMUM RATINGS					
Item	Symbol	Standard Value			Unit
		Min	Typ.	Max.	
Supply Voltage for Logic	$V_{DD} - V_{SS}$	--	--	8.0	V
Supply Voltage for LCD Drive	$V_{DD} - V_{EE}$	--	--	16.5	V
Input Voltage	$V_I$	$V_{SS} - 0.3$	--	$V_{DD} + 0.$	V

PIN FUNCTIONS			
Pin No.	Symbol	Level	Function
1	$V_{SS}$		Ground
2	$V_{DD}$		Power Supply for Logic Circuit
3	$V_{EE}$		Power Supply for LCD
4	A0	H/L	L - Instruction, H - Data
5	CS1	L	Chip Enable Active "L"
6	CS2	L	
7	CL	H/L	External Clock (2KHz)