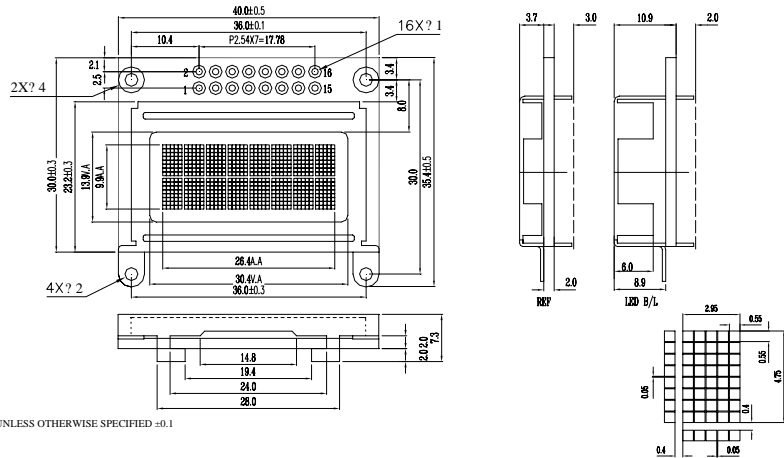




VT082A

OUTLINE DIMENSIONS



MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION(mm)
Module Size (W*H*T)	40.0*35.4*10.0/13.5
View Area (W*H)	30.4*13.9
Character Size (W*H)	2.95*4.75
Dot Size (W*H)	0.55*0.55

FEATURES

ITEM	SPECIFICATION
LC Fluid	STN Y/G
Polarizer	Reflective/Transflective
Viewing angle	6 o'clock
Drive method	8 character x 2 lines LCD module, 1/16 duty, 1/5 bias and 5.0 driver
Controller	S6A0069 or compatible
Backlight	No/LED
Temperature range	Standard,Wide

ABSOLUTE MAXIMUM RATING(TA=25)

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UINT
Supply voltage for LCD	V _{DD} -V ₀	-	5.0	-	V
Input voltage	V _{DD}	4.7	-	5.5	V
Supply current ^[1]	I _{DD}	-	1.5	2.5	mA
Input leakage current	I _{LEAK}	-	-	1.0	uA

NOTE: [1]Test condition: V_{DD}=5.0V;TA=25

PIN CONFIGURATION

ITEM	SIGNAL	DESCRIPTION
1	V _{SS}	Power ground
2	V _{DD}	Power supply
3	V ₀	Negative voltage supply for LCD driver
4	RS	Register select
5	R/W	Read/Write
6	E	Read/Write enable
7-14	DB0-DB7	Data bus 0-7
15	LED+A	Led backlight anode
16	LED-K	Led backlight cathode

BLOCK DIAGRAM

