

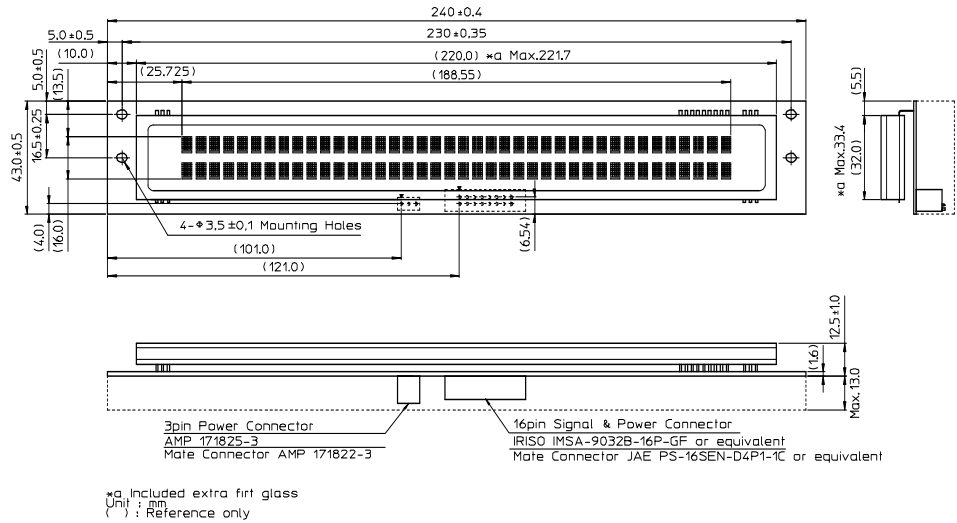
# CU40026-TW200J

## SIMPLIFIED DATASHEET

### ■ Features

40 character x 2 line display character module.  
Built-in ASCII, katakana, and International fonts.

### ■ Outer dimension



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### Specifications

#### ■ Electrical Ratings

Parameter	Symbol	Min.	Typ.	Max.	Unit	Condition
Power supply voltage	VCC	4.75	5.00	5.25	VDC	-

#### ■ Electrical Characteristics

Parameter	Symbol	Min.	Typ.	Max.	Unit	Condition
Input Voltage						
H	VIH	2.0	-	VCC	VDC	Vcc=5.0V
L	VIL	0	-	0.8		TA=25°C
Output Voltage						
H	VOH	4.4	-	-		IOH=-2mA
L	VOL	-	-	0.5		IOL=2mA
Power Supply Current	Icc	-	500	650	mADC	All dots ON

#### ■ Optical Characteristics

Parameter	
Luminance	350 cd/m <sup>2</sup> Min.
Color of illumination	Green (Blue-Green)

#### ■ Environmental Conditions

Parameter	
Operating Temperature	-40 ~ +85 degrees celsius
Storage Temperature	-40 ~ +85 degrees celsius
Operating Humidity	20 ~ 80% R.H. (non-condensing)
Vibration (Non operation)	10-55-10Hz, all amplitude 1mm, 30 minutes, X-Y-Z
Shock (non-operating)	980m/s <sup>2</sup> (100G) 9ms X-Y-Z, 3 times each direction

#### ■ Physical Specifications

Parameter	
Number of Char.	80 (40 characters x 2 lines)
Built-in Fonts	ANK, International Font
Character Format	5 x 7 dot matrix & Under line
Display Area	188.55 x 16.0 mm (X x Y)
Character Size	3.3 x 6.05 mm (X x Y)
Character Pitch	4.75 mm
Line Pitch	9.95 mm

#### ■ Interface

Parallel, Asynchronous Serial (TTL)

#### ■ Pin Assignment (Parallel / Serial)

Pin No	Signal	Pin No	Signal
1	D7	2	D6
3	D5	4	D4
5	D3	6	D2
7	D1	8	D0
9	WR	10	CS
11	SN/TO	12	BUSY
13	GND	14	GND
15	VCC	16	VCC

#### (Serial)

Pin No	Signal	Baud Rate Setting
1	VCC	19200bps*
2	SN/TO	9600bps
3	GND	4800bps
		2400bps
		1200bps
		600bps
		(*:factory default)

#### ■ Functions

Parameter
Auto initialized
Command Control
Blink speed control
Flicker less Mode / Quick Write Mode
etc.

