

CU16029-TE200K

SIMPLIFIED DATASHEET

Features

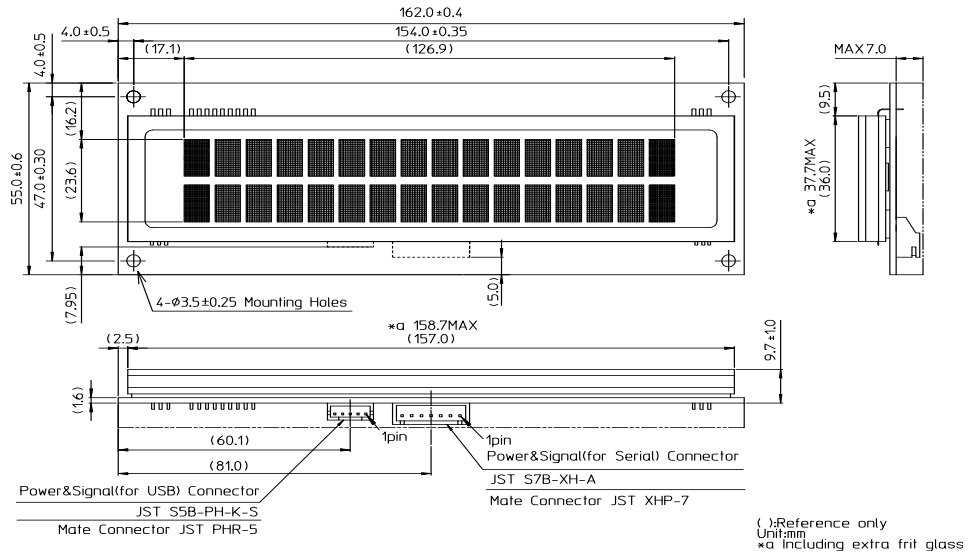
16 character x 2 line Japanese/Chinese/Korean character capable character module. Built-in Japanese, Chinese, and Korean fonts give clear, legible display. Can replace a graphic display. Very good for applications that mainly display characters.

Get full specification



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Outer dimension



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 (RXD,DSR)							
H	VIH1	3	-	15	VDC	-	
L	VIL1	-15	-	-3	VDC	-	
Output Voltage (TXD,DTR)							
H	VOH1	5	-	-	VDC	RL=3kΩ	
L	VOL1	-	-	-5	VDC		
Signal Input Impedance (RXD,DSR)	RIN	3	-	7.0	kΩ	-	
Input Voltage (TEST)							
H	VIH2	2.64	-	3.3	VDC	-	
L	VIL2	0	-	0.66	VDC	-	
USB信号入出力電圧 D+,D-		USB 2.0 Conformity					-
Power Supply Current	Icc1	-	510	650	mADC	All dots ON	
	Icc2	-	400	500	mADC	All dots OFF	
	Icc3	-	32	40	mADC	Disp. Power OFF	

Optical Characteristics

Parameter	Value
Luminance	350 cd/m ² Min. (1000 cd/m ² Typ.)
Color of illumination	Green (Blue-Green)

Environmental Conditions

Parameter	Value
Operating Temperature	-40 ~ +85 degrees celsius
Storage Temperature	-40 ~ +85 degrees celsius
Operating Humidity	20 ~ 80% R.H. (non-condensing)
Storage Humidity	20 ~ 80% R.H. (non-condensing)
Vibration (Non operation)	10-55-10Hz, all amplitude 1mm, 30 minutes, X-Y-Z
Shock (non-operating)	392m/s ² (40G) 9ms X-Y-Z, 3 times each direction

Physical Specifications

Parameter	Value
Number of Char.	32 (16 characters x 2 lines)
Built-in Fonts	ANK, International Font, Japanese, Korean, Simplified Chinese and Traditional Chinese
Character Format	15 x 16 dot matrix
Display Area	126.9 x 23.59 mm (X x Y)
Character Size	6.53 x 10.52 mm (X x Y)
Character Pitch	8.03 x 13.07 mm (X x Y)
Weight	About 101 g

Interface

Asynchronous Serial (RS232),USB

Pin Assignment (Serial)

Pin No	Signal	Baud Rate Setting
1	RXD	9600bps
2	DTR	19200bps
3	DSR	38400bps*
4	TXD	115200bps
5	TEST	(*:factory default)
6	VCC	
7	GND	

(USB)

Pin No	Signal
1	VCC
2	D-
3	D+
4	GND
5	NC

Functions

Parameter	Value
2-byte Character	
Command Control	
FROM User Font Control	
FROM User Table Control	
International Font	
etc.	