



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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CU20029-TE200K

SIMPLIFIED DATASHEET

■ Features

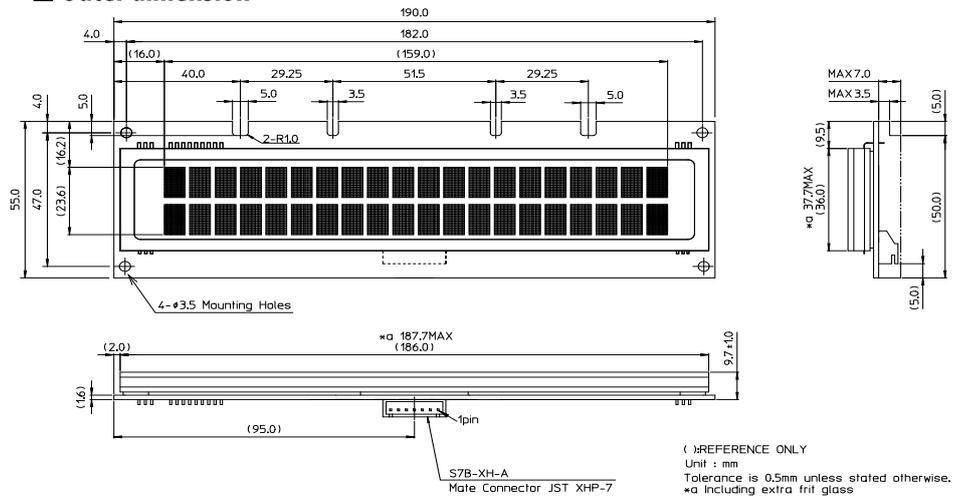
20 character x 2 line
Japanese/Chinese/Korean
character capable
character module.
Built-in Japanese, Chinese,
and Korean fonts give
clear, legible display. Very
good for applications that
mainly display characters,
and don't need graphic
display.

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	-
Power Supply Current						
	Icc1	-	625	800	mADC	All dots ON
	Icc2	-	510	660	mADC	All dots OFF
	Icc3	-	21	30	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.	40 (20 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	159.0 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 118 g

■ Interface

Asynchronous Serial (RS232)

■ Pin Assignment

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	

■ Functions

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



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Please confirm product details in the specification.

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