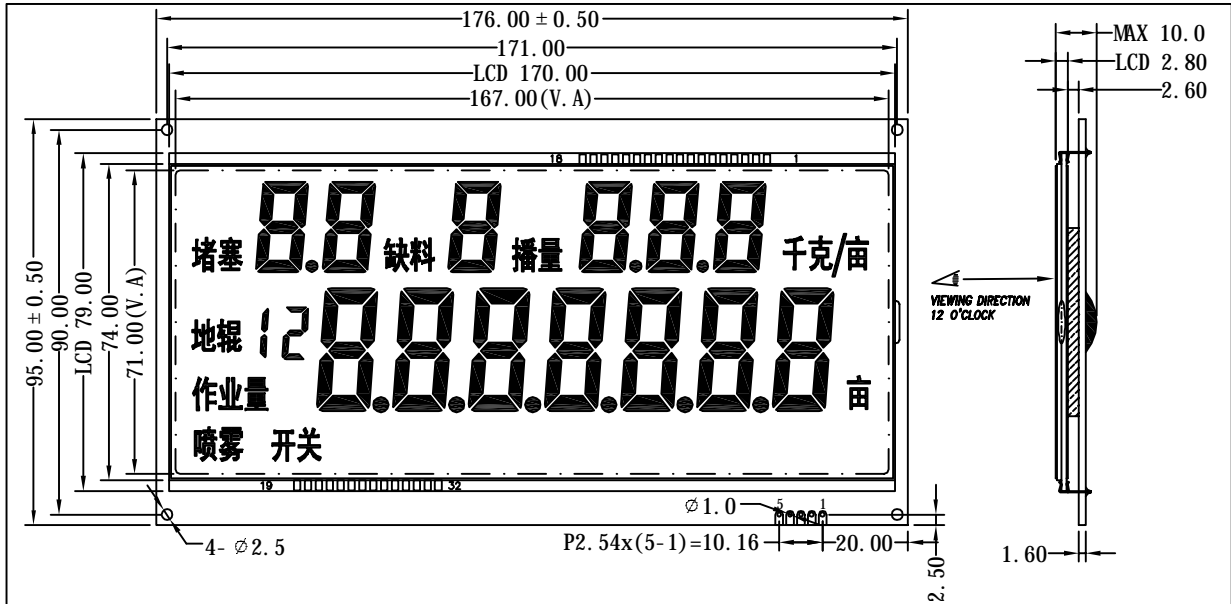
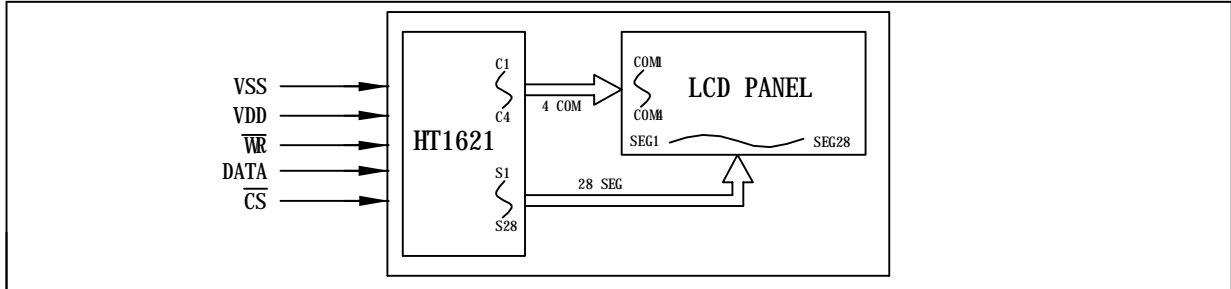


OUTLINE DIMENSIONS



BLOCK DIAGRAM & POWER SUPPLY



MECHANICAL SPECIFICATIONS & FEATURE

item	Normal Dimensions(mm)	Feature	
Module Size(W*H*T)	176.0x95.0x10.0MAX	LCD Type	TN
View Area(W*H)	167.0x71.0	LCD Colour	Gray
DotsxDots(W*H)	---	View Angle	12 O'clock
Dot Pitch(W*H)	---	Display Type	Positive Type
Dot Size(W*H)	---	Rear Polarizer	Reflective
---	---	Operating Temperature	-20°C ~ +70°C
---	---	Backlight	-----

ELECTRICAL CHARACTERISTICS

item	Symbol	Test Condition	Min.	Type.	Max.	Unit
Operating Voltage	Vdd	Ta=25°C	---	5.0V	---	V
Operating Voltage for LCD	Vlcd	Ta=25°C	---	5.0V	---	V
Supply Current	Idd	Ta=25°C, Vdd=5.0V	---	2.0	3.0	mA
Supply Current for Backlight	If	Ta=25°C, Vf=3.0V	---	---	---	mA

INTERFACE PIN CONNECTIONS

Pin No.	Symbol	Level	Description
1	CS	L	Chip selection input with pull-high resistor
2	WR	L	Write clock input
3	DATA	H/L	Serial data input/output
4	VSS	L	Ground for Logic (0V)
5	VDD	H	Power supply for Logic (+5.0V)

REMARK

1.File Version: 03