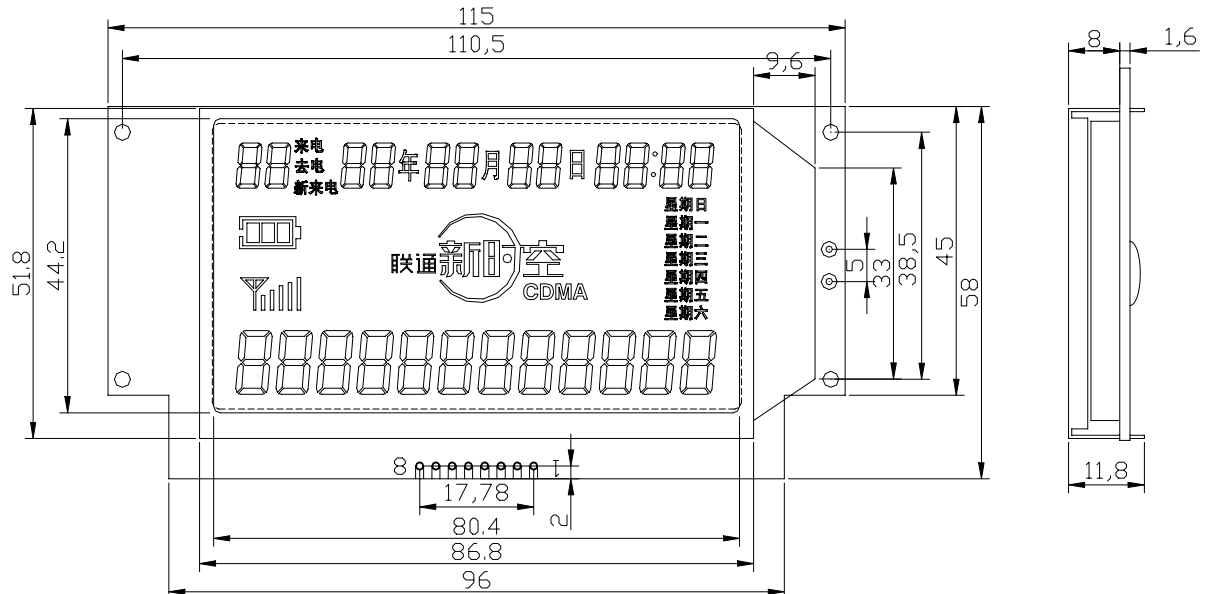


ZCM6047

* Controller LSI built-in * +5V single power supply

EXTERNAL DIMENSIONS AND DISPLAY PATTERN Unit:mm



MECHANICAL DATA

Module Size: 115X58X12	Effective Display Area: 80.4×44.2
Display Type: TN, Positive	Viewing Angle: 6:00
Driving Method: 1/8 Duty, 1/4 Bias	Backlight Color: Blue

ELECTRICAL CHARACTERISTICS (Ta=25℃, VDD=5V±0.25V)

ITEM	SYMBOL	CONDITON	MIN	TYP.	MAX	UNIT
Supply Voltage for Logic	VDD		2.7	4.5	5.5	V
Supply Current for Logic	Idd	VDD=4.5V	-	1.2	-	mA
Driving Voltage for (LCD)	VLCD			3		V

PIN CONNECTION

Pin	Symbol	Lever	Function	Pin	Symbol	Lever	Function
1	VDD	+5V	Power supply for Logic	5	IRQ	-	Interrupt
2	VSS	0V	Ground	6	CS	H/L	Chip Enable Signal
3	DATA	H/L	Data line	7	VBL-	-	Backlight-
4	WR	H/L	WR Signal	8	VLBL+	-	Backlight+

BACKLIGHT CHARACTERS(Ta=25℃)

PARAMETER	SYMBOL	CONDITION	MIN	TYP.	MAX	UNIT
LED Forward Consumption Current	ILED	Ta=25℃ VDD=3.2V	-	15	20	mA

BLOCK DIAGRAM

