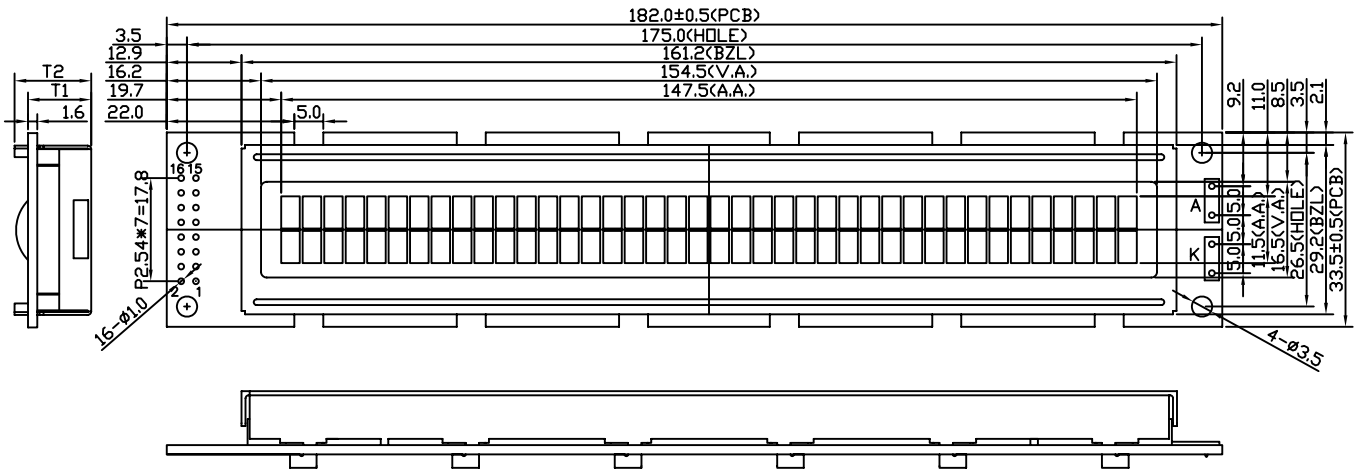
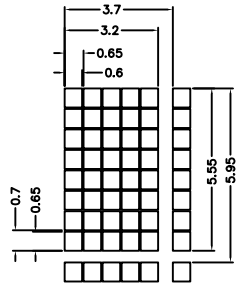


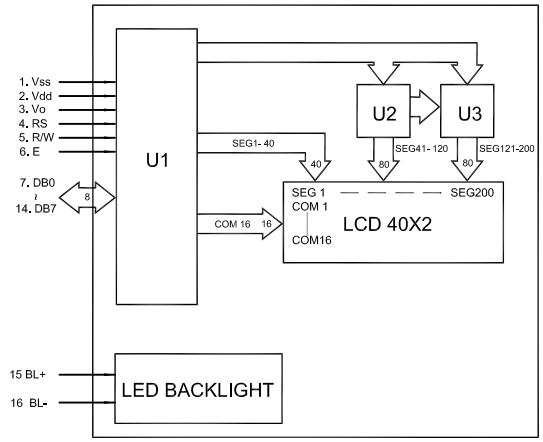
ITEM	SELECTABLE CONTENTS
DISPLAY MODE	STN YELLOW MODE
	STN GRAY MODE
	STN BLUE MODE
	FSTN
POLARIZER TYPE	REFLECTIVE
	TRANSFLECTIVE
	TRANSMISSIVE,POSITIVE
	TRANSMISSIVE,NEGATIVE
VIEWING DIRECTION	6 O'CLOCK
	12 O'CLOCK
LED BACKLIGHT	WHITE
	Y-G
	RED
	GREEN
	BLUE
	AMBER
	TRI-COLOR
TEMPERATURE RANGE	STANDARD TEMPERATURE
	WIDE TEMPERATURE
CHARACTER PATTERNS	ENGLISH-JAPANESE FONTS
	ENGLISH-EUROPEAN FONTS
	ENGLISH-RUSSIAN FONTS
	CYRILLIC FONTS
	HEBREW FONTS
OPERATING VOLTAGE	5V
LCD DRIVING VOLTAGE	4.5V
LCD DRIVE METHOD	1/16 DUTY 1/5 BIAS
LCD DRIVE IC	SPLC780D-001 OR EQUIV

PIN	SYMBOL
16	BL-
15	BL+
14	DB7
13	DB6
12	DB5
11	DB4
10	DB3
9	DB2
8	DB1
7	DB0
6	E
5	R/$\overline{W}$
4	RS
3	V0
2	VDD(5V)
1	VSS

ITEM	T1	T2
BACKLIGHT	10.9	13.5
WITHOUT BL	6.2	9.0



DISPLAY PATTERN



NOTE:

1.The backlight can be driven by pin1,pin2 or pin15,pin16 which is selectable.

2.The voltage of backlight is depended on the backlight color and the value of current-limiting resistance.

3.The operating voltage can be driven by 3.3v which is selectable.

THE PART NUMBER IN MASS PRODUCTION

1.GRAY OR Y-G STN,TRANSFLECTIVE LCD;Y-G BACKLIGHT;6 O'CLOCK;

2.Y-G STN,TRANSMISSIVE POSITIVE LCD;Y-G BACKLIGHT;6 O'CLOCK;

3.BLUE STN,TRANSMISSIVE NEGATIVE LCD;WHITE BACKLIGHT;6 O'CLOCK;

4.GRAY STN,REFLECTIVE LCD;WITHOUT BACKLIGHT;6 O'CLOCK OR 12 O'CLOCK;

UNIT MM

3RD ANGLE

TOLERANCE
X.X = ±0.2
X.XX = ±0.10
ANG = –

SCALE: 1:1

DRAWN:

CHECKED:

APPROVED:

DISPLAYTRONIC

XIAMEN ZETTLER ELECTRONICS CO., LTD.

TITLE: LCM

MODEL NO: ACM4002E SERIES

REV A

PART NO:

SH NO 1/1