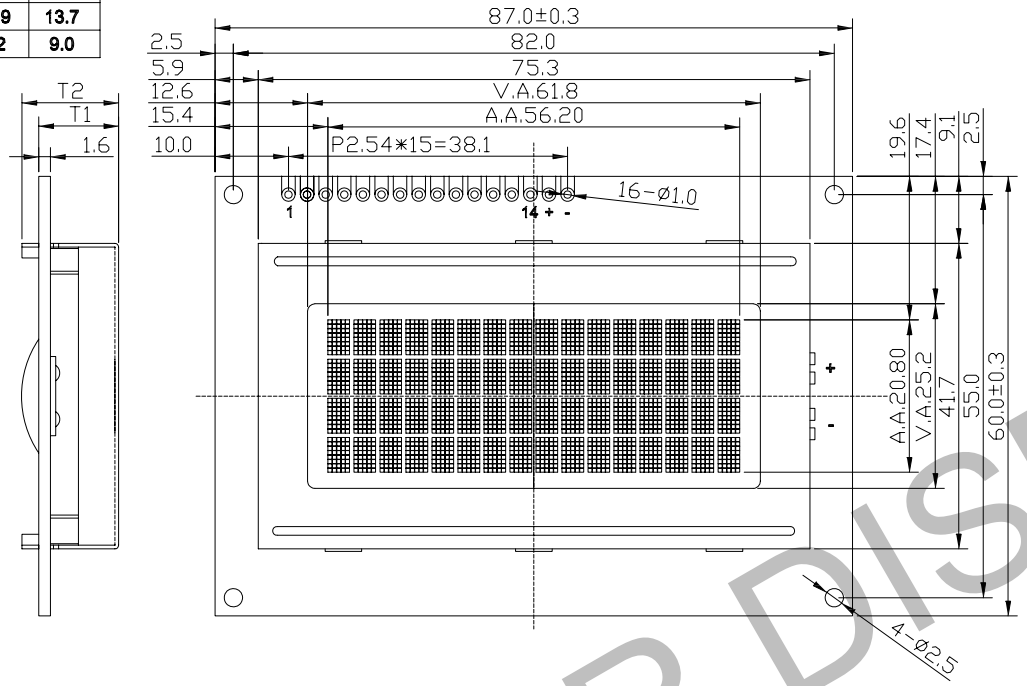
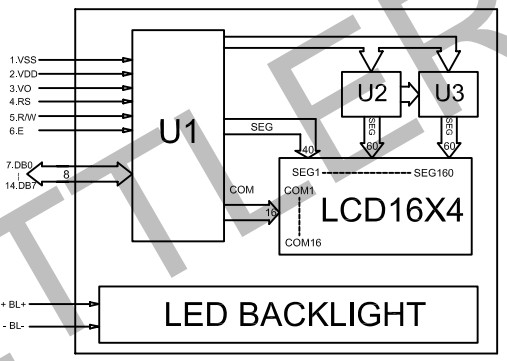
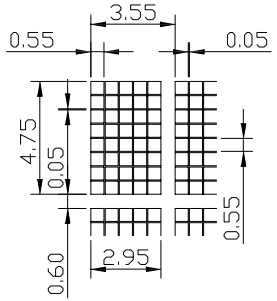
ITEM	T1	T2
BACKLIGHT	10.9	13.7
WITHOUT BL	6.2	9.0



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





DISPLAY PATTERN

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	ST7066U

NOTE:

1.The backlight can be driven by pin +,pin - or pin1,pin2 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 OR 12 O'CLOCK;

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

3.GRAY OR Y-G STN,REFLECTIVE LCD;WITHOUT BACKLIGHT;6 O'CLOCK OR 12 O'CLOCK;

UNIT	MM
3RD ANGLE	
TOLERANCE	X.X = ±0.3
	X.XX = ±0.20
	ANG = –
SCALE:	1:1
DRAWN:	
CHECKED:	
APPROVED:	

ZETTLER DISPLAYS

TITLE:	LCM	
MODEL NO:	ACM1604D SERIES	REV A
PART NO:		SH NO 1/1

ZETTLER DISPLAYS