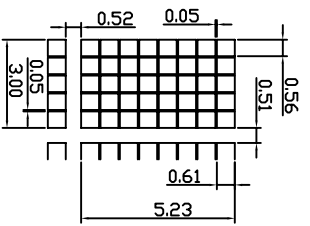


ITEM	T1	T2
BACKLIGHT	9.3	12.5
WITHOUT BL	6.2	9.0



DISPLAY PATTEN

K	BL-
A	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(SV)
1	VSS

THE PART NUMBER IN MASS PRODUCTION

- GRAY OR Y-G STN. TRANSPARENT LCD; Y-G BACKLIGHT; 6 O'CLOCK OR 12 O'CLOCK;
- FSTN. TRANSPARENT LCD; BLUE BACKLIGHT; 6 O'CLOCK OR 12 O'CLOCK;
- GRAY STN. TRANSPARENT LCD; WHITE OR AMBER BACKLIGHT; 6 O'CLOCK OR 12 O'CLOCK;
- BLUE STN. TRANSPARENT LCD; WHITE OR AMBER BACKLIGHT; 6 O'CLOCK;
- GRAY OR Y-G STN. TRANSPARENT LCD; WITHOUT BACKLIGHT; 6 O'CLOCK OR 12 O'CLOCK;
-

UNIT	TOLERANCE
MM	X.X = ±0.2
3RD ANGLE	X.XX = ±0.10
ANG	-

SCALE: 1:1
DRAWN:
CHECKED:
APPROVED:

DISPLAYTRONIC

XIAMEN ZETTLER ELECTRONICS CO., LTD.

TITLE: LCM
MODEL NO: ACM1602M SERIES
PART NO:
REV A
SH NO 1/1

ITEM	SELECTABLE CONTENTS
DISP MODE	STN YELLOW MODE STN GRAY MODE STN BLUE MODE FSTN
POLARIZER TYPE	REFLECTIVE TRANSPARENT, POSITIVE TRANSPARENT, NEGATIVE
VIEWING DIRECTION	6 O'CLOCK 12 O'CLOCK WHITE Y-G RED GREEN 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
LCM DRIVING VOLTAGE	4.5V
LCM DRIVE METHOD	1/16 DUTY 1/5 BIAS
LCM DRIVE IC	SPLC780D-01 OR EQUIV

NOTE:

- The voltage of backlight is depended on the backlight color and the value of current-limiting resistance.
- The operating voltage can be driven by 3.3v which is selectable.