



18	BL-
17	BL+
16	NC
15	DB7
14	DB6
13	DB5
12	DB4
11	DB3
10	DB2
9	DB1
8	DB0
7	E2
6	E1
5	R/W
4	RS
3	V0
2	VDD
1	VSS

PN	SYMBOL
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THE PART NUMBER IN MASS PRODUCTION
 1.Y-G STN, TRANSPARENT LCD; Y-G BACKLIGHT; 6 OCLOCK;

UNIT	TOLERANCE
M/M	X.X = ±0.2
3RD ANGLE	X.XX = ±0.10
ANG =	-
SCALE:	1:1
DRAWN:	
CHECKED:	
APPROVED:	

TITLE:	LCM
MODEL NO.:	ACM4004K SERIES
PART NO.:	
REV	A
SH NO	1/1

AZ DISPLAYS

ITEM	SELECTABLE CONTENTS
DISPLAY MODE	STN YELLOW MODE STN GRAY MODE STN BLUE MODE FSTN
POLARIZER TYPE	REFLECTIVE TRANSPARENT TRANSMISSIVE POSITIVE TRANSMISSIVE NEGATIVE
VIEWING DIRECTION	6 O'CLOCK 12 O'CLOCK 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	4.2V
LCD DRIVE METHOD	1/16 DUTY 1/5 BIAS
LCD DRIVE IC	SPLC780D1
NOTE:	1. The backlight can be driven by pin 17, pin 18. 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.

1 2 3 4 5 6 7 8

A B C D E F