

F
E
D
C
B
A

1 2 3 4 5 6 7 8

36.6
32.6(MIN V.A)
P0.29*105+0.27=30.7
0.5MAX
17.6(MIN V.A)
2.2
2.9
5.0MAX
22.0
28.0
2.0(MAX)
0.7±0.07
1.3MAX
2-∅0.8
1.0
0.5±0.4
LED
BLACK TAP
THREEBOND 1530C
BLACK SILICON
BLACK SILICON
0.7(MAX)
STIFFENER
CONTACT SIDE
0.3±0.05
2.0
0.5MAX
14.0
13.3
10.0
26.0±1.0
DOUBLE ADHESIVE
3.0
20
1
P0.29*55+0.27=16.2
12.5
∅1.0
14.5
2.0
4.0±1.0
25.0±0.5
3.0±0.5
2.0(MAX)
0.3±0.05
8.8
10.5
P0.5*19=9.5

20	N/C
19	/CS1
18	/RES
17	Ao
16	SCL
15	SI
14	Vdd
13	Vss
12	Vout
11	CAP3P
10	CAP1N
9	CAP1P
8	CAP2P
7	CAP2N
6	V4
5	V3
4	V2
3	V1
2	V0
1	N/C
PIN NO.	SYMBOL

0.29
0.27
0.29
0.27
DISPLAY PATTERN

LED BACKLIGHT
106X56DOTS
SEG0-105
ST7565P COG
COM1
COM58
SEG1
SEG106
COM8-31
COM32-63
20 PINS I/O
BLOCK DIAGRAM
A K

ITEM	SELECTABLE CONTENTS
DISPLAY MODE	STN YELLOW MODE
	STN GRAY MODE
	STN BLUE MODE
	FSTN
POLARIZER TYPE	REFLECTIVE
	TRANSFLECTIVE
	TRANSMISSIVE, POSITIVE
VIEWING DIRECTION	TRANSMISSIVE, NEGATIVE
	6 O'CLOCK
LED BACKLIGHT	12 O'CLOCK
	WHITE
	Y-G
	RED
	GREEN
	BLUE
	AMBER
TEMPERATURE RANGE	TRI-COLOR
	STANDARD TEMPERATURE
CHARACTER PATTERNS	WIDE TEMPERATURE
OPERATING VOLTAGE	3.0V
LCD DRIVING VOLTAGE	9.5V
LCD DRIVE METHOD	1/65 DUTY 1/9 BIAS
LCD DRIVE IC	ST7565P COG

THE PART NUMBER IN MASS PRODUCTION

1.FSTN, TRANSFLECTIVE LCD; WHITE BACKLIGHT; 6 O'CLOCK;	UNIT MM	TOLERANCE X.X = ±0.2
2.FSTN, TRANSFLECTIVE LCD; Y-G BACKLIGHT; 6 O'CLOCK;	3RD ANGLE ⊕	X.XX = ±0.20
3.STN/BLUE, TRANSMISSIVE LCD; WHITE BACKLIGHT; 6 O'CLOCK;	SCALE: 1:1	ANG = -
4.--	DRAWN:	
	CHECKED:	
	APPROVED:	

ZETTLER DISPLAYS

XIAMEN ZETTLER ELECTRONICS CO., LTD.

TITLE: LCM	REV A
MODEL NO: AQM1056B SERIES	SH NO 1/1
PART NO:	

1 2 3 4 5 6 7 8