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BO9864B

Feature

1. FSTN Transflective LCD, COG package
2. Built-in driver ST7548i
3. 1/64 duty cycle
4. +3V power supply
5. With FPC and ZIF connector
6. Option: EL Backlight, LED Backlight
7. I²C Interface

Mechanical Data

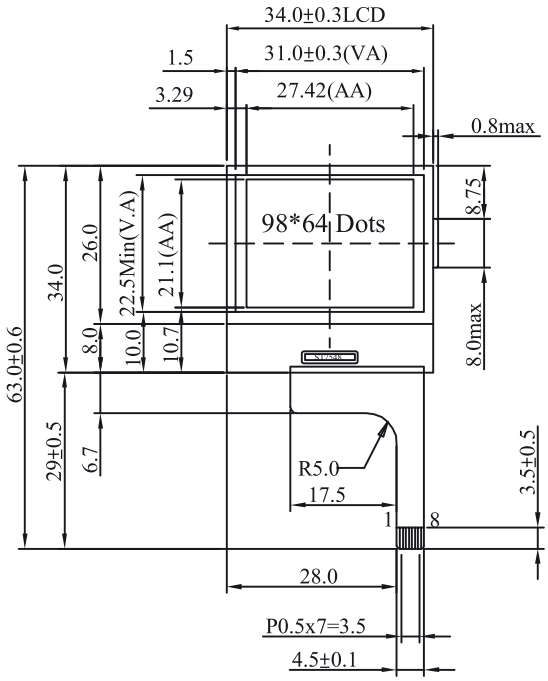
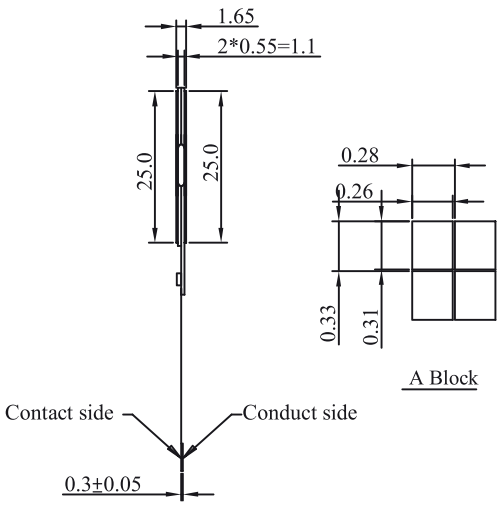
Item	Standard Value	Unit
LCD Dimension	34.0 x 34.0	mm
Viewing Area	31.0 x 22.5	mm
Dot Size	0.26 x 0.31	mm
Dot Pitch	0.28 x 0.33	mm

Pin Assignment

Pin	Symbol	Function
1	Vlcd	LCD power supply
2	Vss1	Logic power GND
3	Vss2	Logic power GND
4	SCL	I2C bus serial clock signal input
5	SDA	I2C bus data line
6	RES	Device reset signal
7	Vdd2	Logic power V+
8	Vdd1	Logic power V+

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +3V	3.0	V
Supply Current	Idd	Vdd = +3V	2	mA
LCD Driving Voltage	Vlcd-Vss	25°C	11.9	V

BO-21

Dimension