



NOTE:
 1. DISPLAY MODE: STN,GRAY,REFLECTIVE/POSITIVE.
 2. VIEWING ANGLE: 6:00.
 3. CONNECTION: COG<S6B1713A01-B0CZ>.
 4. LCD DRIVER: 1/49D,1/8B,VDD=3V(TYP.),
 5. OPERATING TEMP.: -10℃~70℃,
 STORAGE TEMP.: -20℃~+80℃.

FEATURE

1. STN, Positive, Reflective/Display dot: Blue/Background: Gray
2. IC: KS0713
3. 1/49 Duty, 1/8 Bias, 6 O'clock
4. Backlight: NA

Pin NO	Symbol	Function
1	V4	I/O
2	V3	I/O
3	V2	I/O
4	V1	I/O
5	V0	I/O
6	VR	V0 VOLTAGE ADJUSTMENT PIN
7	C2-	CAPACITOR 2 NEGATIVE
8	C2+	CAPACITOR 2 POSITIVE
9	C1-	CAPACITOR 1 NEGATIVE
10	C1+	CAPACITOR 1 POSITIVE
11	C3-	CAPACITOR 3 NEGATIVE
12	C3+	CAPACITOR 3 POSITIVE
13	VOUT	VOLTAGE CONVERTER INPUT/OUTPUT PIN
14	VDD	POWER SUPPLY
15	VSS	GND
16	SID	SERIAL INPUT DATA
17	SCLK	SERIAL INPUT CLOCK
18	RS	REGISTER SELECT INPUT PIN
19	RESET	RESET
20	CS2	CHIP SELECT INPUT PIN

MECHANICAL DATA		
Item	Standard Value	Unit
Module Dimension	43.4(W) X 28.0(H) X 2.1(T)	mm
Viewing Area	40(W) X 17(H)	mm
Mounting hole	0.26 X 0.28	mm
Dot Pitch	0.29 X 0.31	mm

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Logic Power Supply	VDD-VSS	-0.3		7	V
LCD Drive Volyage	Vo-VSS	0.3		17	V

ELECTRONICAL CHARACTERISTICS						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Supply Voltage for Logic	VDD-VSS	25℃	2.4	3.0	3.6	V
SUPPLY Voltage For LCD Drive	Vo-VSS	25℃	8.0	8.5	9.0	V
Input Voltage	VIN	25℃	-0.3		VDD+0.3	V
Current Consumption	ID	25℃	0.1		1.0	mA
Operating Temp	Top		-10		70	℃
Storage Temp	Tst		-20		80	℃