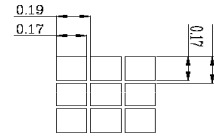


PIN CONNECTION

NO.	SYMBOL	NO.	SYMBOL
1	C1SB	17	VDD
2	RESETB	18	VOUT
3	RS	19	C3+
4	RW/WR	20	C3-
5	E/RD	21	C1+
6	DB0	22	C1-
7	DB1	23	C2+
8	DB2	24	C2-
9	DB3	25	VR
10	DB4	26	V0
11	DB5	27	V1
12	DB6	28	V2
13	DB7	29	V3
14	MI	30	V4
15	PS	31	INTRS
16	VSS	32	NC



DETAIL: DOTS
SCALE: 20X

- NOTES:
1. DISPLAY TYPE: FSTN/BLACK-WHITE
 2. VIEW DIRECTION: 6 O'CLOCK
 3. POLARIZER TYPE: TRANSPARENT/POSITIVE
 4. DRIVE METHOD: 1/64DUTY 1/9BIAS
 5. LCD DRIVING VOLTAGE: 3.2V
 6. LOGIC SUPPLY VOLTAGE: 3.0V
 7. OPERATING TEMP.: -10°C~+60°C
 8. STORAGE TEMP.: -20°C~+70°C
 9. CONTROLLER IC: S6B1713A11-B0CZ
 10. CONNECTOR TYPE: FPC
 11. BACKLIGHT: EL/INDIGO-BLUE
CONDITION: 150Vrms 300Hz
BRIGHTNESS: >30cd/m²(WITHOUT LCD)

FEATURE

1. FSTN, Positive, Transflective/Display dot: Black/Background: white
2. IC: S6B1713A11-B0CZ
3. 1/64 Duty, 1/9 Bias, 6 O'clock
4. Backlight: EL(BLUE)

Pin NO	Symbol	Pin NO	Symbol
1	C1SB	18	VOUT
2	RESETB	19	C3+
3	RS	20	C3-
4	RW/	21	C1+
5	E/RD	22	C1-
6	DB0	23	C2+
7	DB1	24	C2-
8	DB2	25	VR
9	DB3	26	V0
10	DB4	27	V1
11	DB5	28	V2
12	DB6	29	V3
13	DB7	30	V4
14	MI	31	INTRS
15	PS	32	NC
16	VSS	33	VEL1
17	VDD	34	VEL1

MECHANICAL DATA		
Item	Standard Value	Unit
Module Dimension	32.0 (W) X 31.0 (H) X 2.5(T)	mm
Viewing Area	28min(W) X 14.14min(H)	mm
Dot Size	017(W) X 0.17(H)	mm
Dot Pitch	0.19(W) X 0.19(H)	mm

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

ELECTRONICAL CHARACTERISTICS						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Supply Voltage for Logic	VDD-VSS	25°C	2.4	3.0	3.6	V
Supply Voltage For LCD Drive	Vo-VSS	25°C	7.7	8.2	8.7	V
Input Voltage	VIN	25°C	-0.3		VDD+ 0.3	V
Current Consumption	ID	25°C		0.31	2.0	mA
Operating Temp	Top		-10		60	°C
Storage Temp	Tst		-20		70	°C