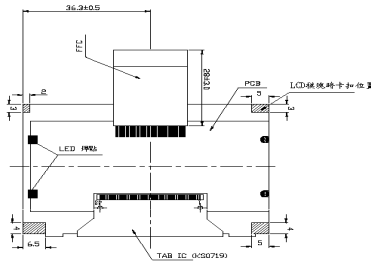
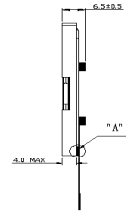
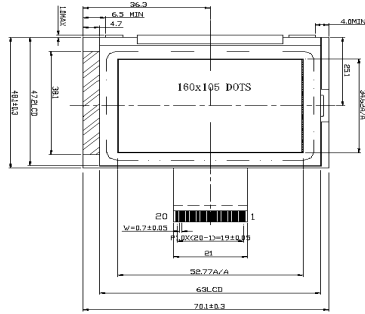


NO	NAME	NO	NAME
1	CS1B	13	DBE
2	CS2	14	DBT
3	RESSTB	15	VCC (3, 3)
4	RS	16	VSS
5	RW/WR	17	VCC(LED)
6	E-RD	18	VCC(LED)
7	DB0	19	GND(LED)
8	DB1	20	GND(LED)
9	DB2		
10	DB3		
11	DB4		
12	DB5		



NO	NAME	NO	NAME	NO	NAME	NO	NAME
1	DUMMY	13	CS1B	25	DB6	37	CA+
2	FR	14	CS2	26	DB7	38	VSS
3	TEST1	15	RESSTB	27	YD	39	V4
4	TEST2	16	RS	28	YCI	40	V3
5	TEST3	17	RW/WR	29	VSS	41	V2
6	CL	18	E/RD	30	YOUT	42	V1
7	M	19	DB0	31	CS+	43	V0
8	SYNC	20	DB1	32	CS+	44	VR
9	RPM0	21	DB2	33	CL-	45	REF
10	MS	22	DB3	34	CL+	46	VEAT
11	FS	23	DB4	35	CS+	47	INTRS
12	CB8	24	DB5	36	CS-	48	DUMMY



泡棉雙面膠(19, 0X8, 0X0, 8)  
SCALE "5X"



- NOTE:
- LCD TYPE: FSTN
  - VIEWING DIRECTION: 4 O'CLOCK
  - DRIVE METHOD: 1/16DUTY 1/11BIAS
  - OPERATING VOLTAGE: 14.0 V
  - POLARIZER MODE :TRANSFLECTIVE/POSITIVE
  - OPERATING TEMP:-20°C~ +70°C
  - STORAGE TEMP:-30°C~+60°C
  - CONNECTION :TAB

**FEATURE**

- FSTN, Positive, Transflective**
- IC: Samsung S6B0719X01-01XN**
- 1/105Duty, 1/11Bias, 4 O'clock**
- Backlight: LED(Blue), Display dot: Black, Background: White**

Pin NO	Symbol	Function
1	CS1B	Chip select input pins
2	CS2	
3	RESETB	Reset inputpin
4	RS	Register select input pin
5	RW/WR	Read / Write execution control pin
6	E/RD	Read / Write execution control pin
7~14	DB0-DB7	8-bit-bi-directional data bus that is connected to the standard 8-bit microprocessor data
15	VCC	Power supply
16	VSS	Ground
17	VCC(LED)	Backlight (+)
11	VCC(LED)	
12	GND(LED)	Backlight(-)
13	GND(LED)	

MECHANICAL DATA		
Item	Standard Value	Unit
Module Dimension	70.1(W) × 48.1(H) × 6.5(T)	mm
Viewing Area	59.0(W) × 40.2(H)	mm
Dot Size	0.30(W) × 0.30(H)	mm
Dot Pitch	0.33(W) × 0.33(H)	mm

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Supply Voltage For Logic	VDD-VSS	-0.3	-	+7.0	V
Input Voltage	VIN	-0.3	-	+17.0	V

ELECTRONICAL CHARACTERISTICS						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Input Voltage	V <sub>IH</sub>	VDD=3.3V±5%	0.8VDD	-	VDD	V
	V <sub>IL</sub>		VSS	-	0.2VDD	
Output Voltage	V <sub>OH</sub>	VDD=3.3V±5%	0.8VDD	-	VDD	V
	V <sub>OL</sub>		VSS	-	0.2VDD	
Current Consumption	IDD	VDD=3.3V±5% V0-VSS=14.2V	-	1.88	4.0	mA
Logic Supply Voltage	VDD-VSS	Ta=0~50°C	2.4	3.3	3.6	V
LCD Drive Voltage	V <sub>op</sub> =V0 -VSS	Ta=25°C	-	14.1	-	V