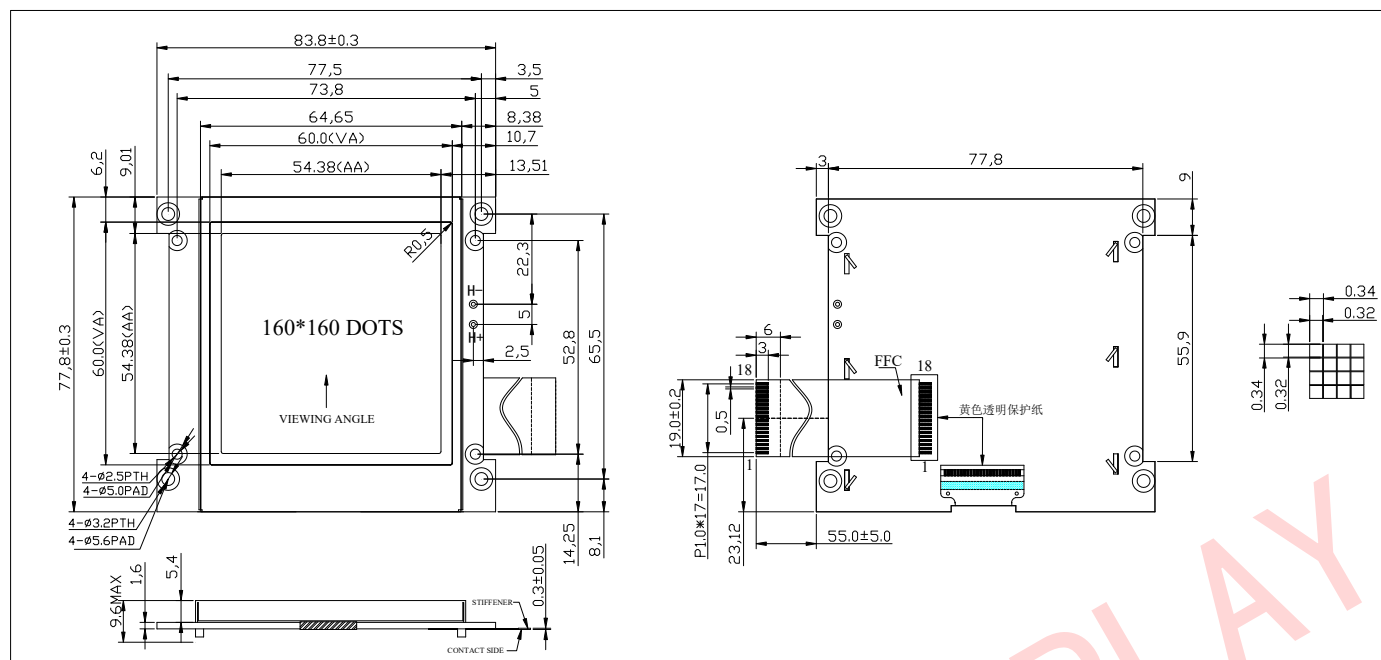




PIN CONNECTIONS

Pin	Symbol	Level	Function
1	V _{SS}	0V	GND
2	A0	H/L	“H” Data “L” Instruction code
3	/WR	H/L	Write signal
4	/RD	H/L	Read signal
5	/CS	H/L	Chip select,Active “L”
6	/REST	H/L	Reset signal,active“L”
7	V _{DD}	+3.3V	Power supply for logic
8 15	DB0 DB7	H/L	Data bus
16	K	0V	LED-
17	NC	-	空脚
18	A	+3.3V	LED+

NOTES:

1. Built-in controller(UC1698)
2. FSTN/COG
3. Power supply: +3.3V
4. LED/WHITE
5. ITO : Power supply +5V / 600mA(max)

MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size (W x H x T)	83.8X77.8X9.6	mm
Viewing Area (W x H)	60.0 X60.0	mm
Dot Pitch (W x H)	0.34X0.34	mm
Dot Size (W x H)	0.32X0.32	mm

ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage(Logic)	$V_{DD}-V_{SS}$	-0.3	4.0	V
Supply Voltage(LCD)	V_0	-0.3	19.8	V
Input Voltage	V_I	-0.3	$V_{DD}+0.3$	V
Operating Temp	T_{OPR}	-40	80	°C
Storage Temp	T_{STG}	-40	85	°C

ELECTRICAL CHARACTERISTICS($V_{DD}=3.3V$, $T_a=25^{\circ}C$)

Item	Symbol	Min.	Typ.	Max.	Unit
Input High Voltage	V _{IH}	0.8V _{DD}	-	V _{DD}	V
Input Low Voltage	V _{IL}	0	-	0.2V _{DD}	V
Output High Voltage	V _{OH}	0.8V _{DD}	-	V _{DD}	V
Output Low Voltage	V _{OL}	0	-	0.2V _{DD}	V
Supply Current	I _{DD}	-	1.3	-	mA
LCD Driving Voltage	V ₀	-	16.5	-	V

LED BACKLIGHT SPECIFICATIONLED (Ta=25℃)

Item	Forward Voltage	Forward Current
WHITE	3.1V	60mA