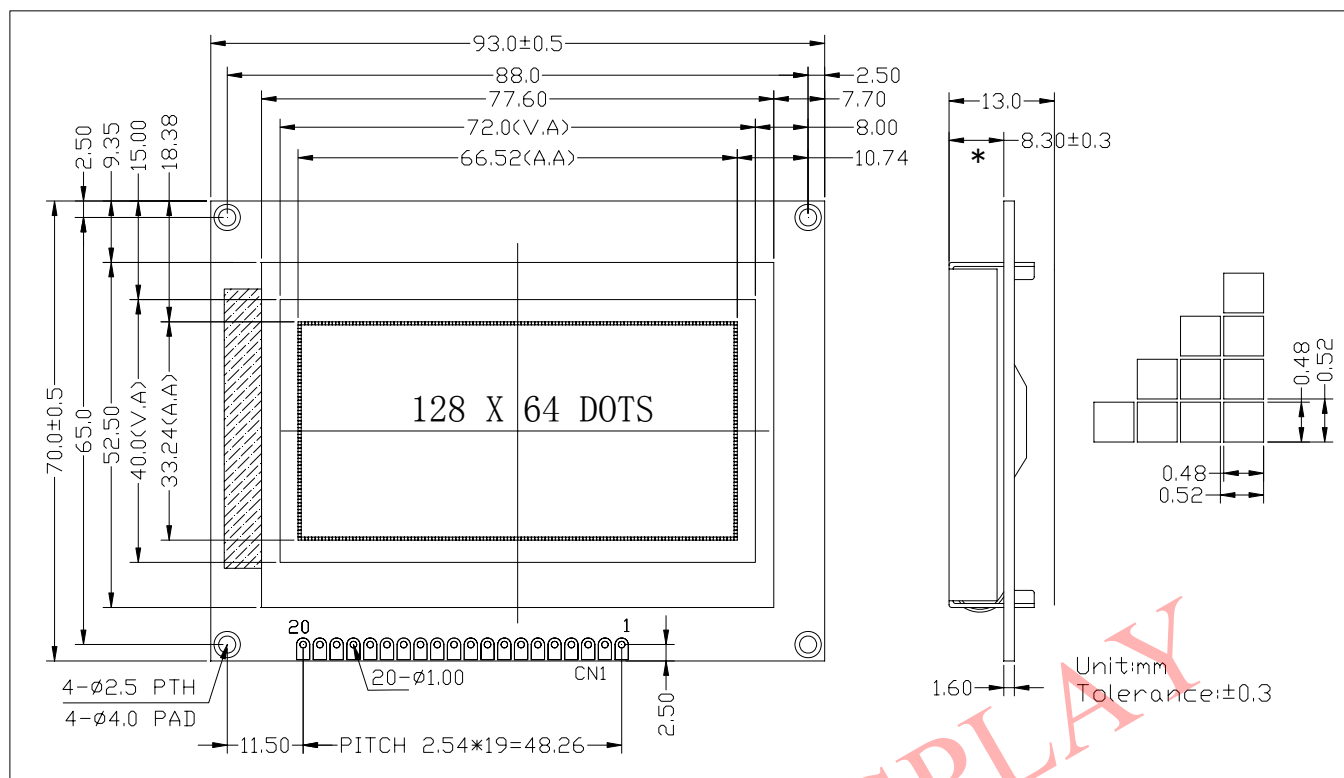


HGO1286410T

1/65DUTY 1/9BIAS



PIN CONNECTIONS

Pin	Symbol	Level	Function
1	VSS	0V	GND
2	VDD	+3.3V	Power Supply for logic
3	NC	-	No connection
4	A0	H/L	H: Data L: Instruction code
5	R/W	H/L	Parallel: H: Read L: Write
6	E	H/L	Parallel: Enable signal
7~14	DB0~DB7	H/L	Data bus line
15	/CS	L	Chip select signal, active "L"
16	NC	-	No connection
17	/RES	L	Reset signal, active "L"
18	NC	-	No connection
19	LED A	+3.3V	Power Supply for LED backlight
20	LED K	0V	

NOTES:

- Built-in controller(UC1701)
- Parallel(6800-Serials)/4 lines SPI serial peripheral interface
- 3.3V power supply.

MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size (W x H x T)	93.0X70.0X13.0MAX	mm
Viewing Area (W x H)	72.0 X40.0	mm
Dot Pitch (W x H)	0.52X0.52	mm
Dot Size (W x H)	0.48X0.48	mm

ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Min.	Max.	Unit
Supply Voltage(Logic)	V _{DD} -V _{SS}	0	3.5	V
Supply Voltage(LCD)	V _{LCD}	0	15.0	V
Operating Temp	T _{OPR.}	-20	70	°C
Storage Temp	T _{STG.}	-30	80	°C

ELECTRICAL CHARACTERISTICS(V_{DD}=3.3V, Ta=25°C)

Item	Sym.	Min.	Typ.	Max.	Unit
Input High Voltage	V _{IH}	0.7V _{DD}	-	V _{DD}	V
Input Low Voltage	V _{IL}	GND	-	0.3 V _{DD}	V
Output High Voltage	V _{OH}	0.7V _{DD}	-	V _{DD}	V
Output Low Voltage	V _{OL}	GND	-	0.3 V _{DD}	V
Supply Current	I _{DD}	-	50	-	mA

LED BACKLIGHT SPECIFICATION (Ta=25°C)

Item	Forward Voltage	Forward Current
White	3.1V	If=45 mA