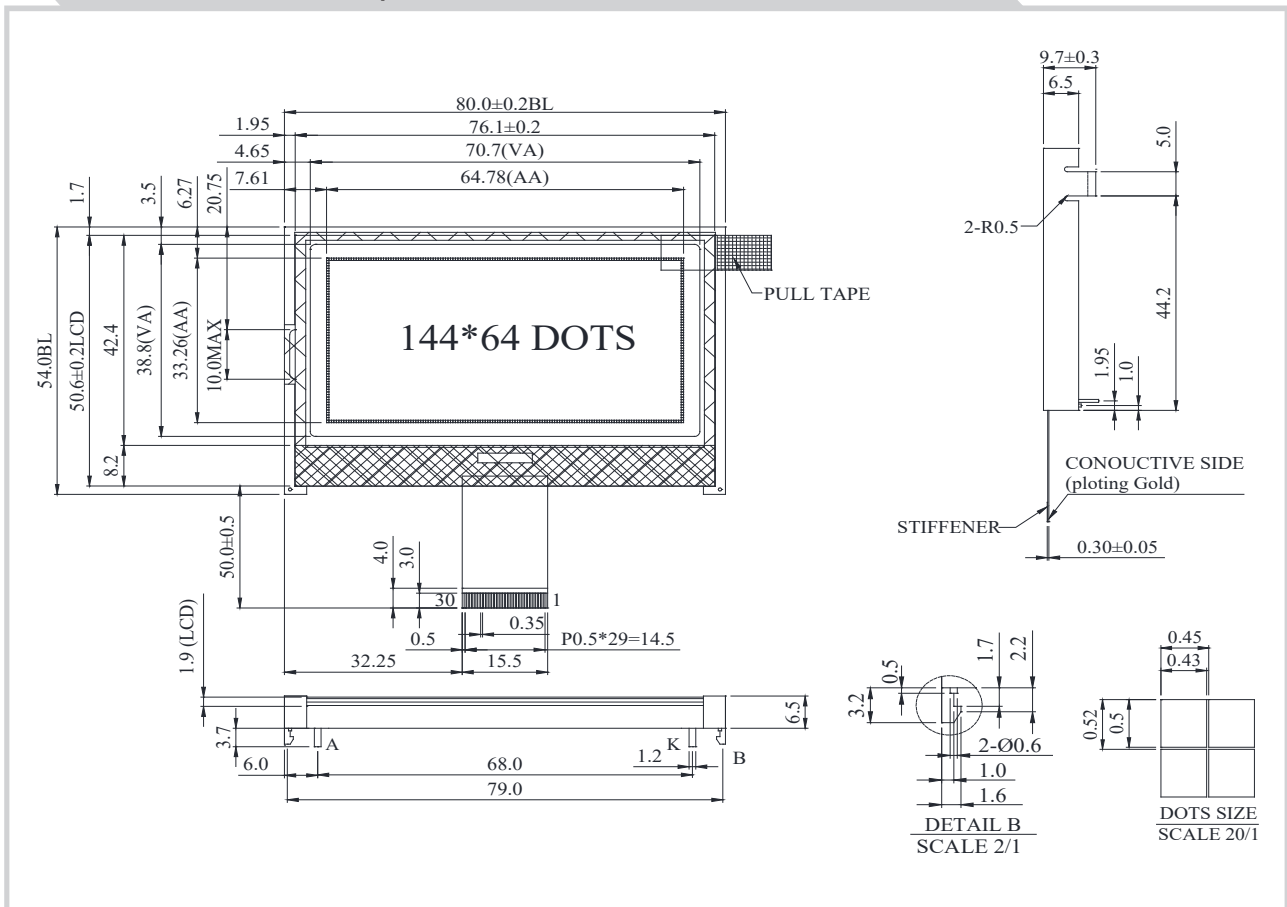


NT014464A5 Graphic 144x64



Feature

1. Built-in controller RA8816N
2. 3.3V power supply
3. 1/64 duty cycle, 1/9 bias

Pin No.	Symbol	Description
1	V _{LD}	Booster Output
2	C3P	DC/DC voltage converter.
3	C2M	DC/DC voltage converter.
4	C2P	DC/DC voltage converter.
5	C1M	DC/DC voltage converter.
6	C1P	DC/DC voltage converter.
7~11	V0	Bias voltage levels for LCD driving
8	V1	Bias voltage levels for LCD driving
9	V2	Bias voltage levels for LCD driving
10	V3	Bias voltage levels for LCD driving
11	V4	Bias voltage levels for LCD driving
12	VREF	This is the reference voltage input when use an external regulator.
13	GND	Ground
14	V _{DD}	Power supply for logic
15~22	DB7~DB0	Data bus line
23	EN	Enable signal
24	R/W	Read/Write select signal
25	RS	Data/ Instruction select signal
26	/CS	Chip select input pins
27	C86	Interface selection 6800/8080
28	P/S	Selects the interface type: Serial or Parallel.
29	INT	This is an interrupt output for MPU. Active low.
30	/RST	Controller reset signal, Active Low

Mechanical Data

Item	Standard Value	Unit
Module Dimension	80.0 x 54.0	mm
Viewing Area	70.7 x 38.8	mm
Dot Pitch	0.45 x 0.52	mm
Dot Size	0.43 x 0.50	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	3.0	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	V _o -V _{ss}	10.0	V