Winstar Display Co., LTD
華凌光電股份有限公司
WEB: https://www.winstar.com.tw E-mail: sales@winstar.com.tw

SPECIFICATION

CUSTOMER : _____

MODULE NO.: WG14432B5

General Specification

Item	Dimension	Unit
Number of dots	144 x 32	—
Module dimension	80.0 x 36.0 x 13.2 (MAX)	mm
View area	66.0 x 16.0	mm
Active area	60.44 x 13.4	mm
Dot size	0.38 x 0.38	mm
Dot pitch	0.42 x 0.42	mm

Duty	1/32
View direction	6 o'clock
Backlight Type	LED, White
IC	ST7920

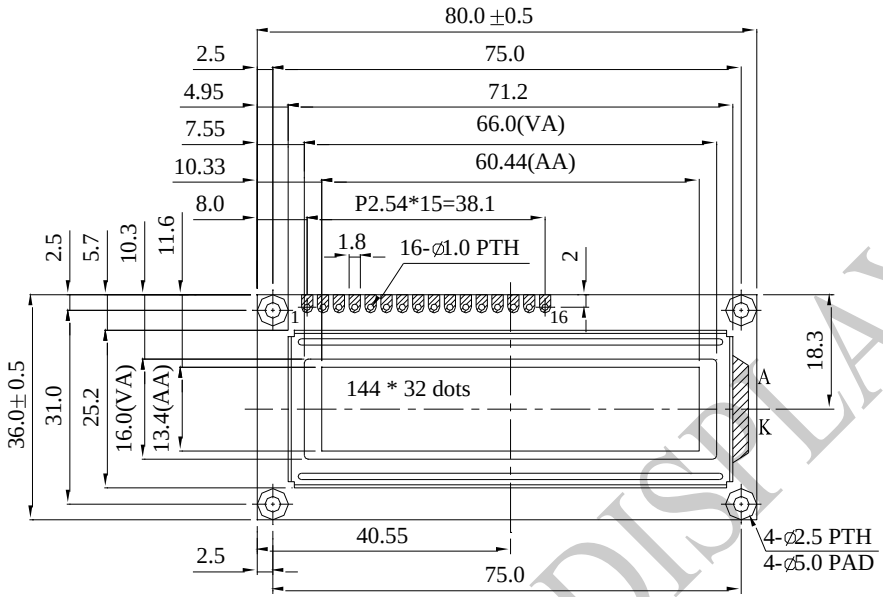
WINSTAR DISPLAY Co., Ltd.
first FC components
FIRST Components s.r.l. Via Cavour, 69 21020 Buguggiate (VA) Italy Tel. +39 0332 1888005 Fax +39 0332 320856
web: www.first-components.com

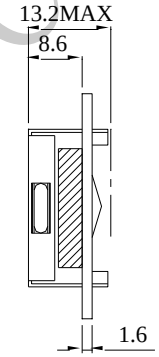
Interface Pin Function

Pin No.	Symbol	Level	Description
1	VSS	0V	GND
2	VDD	5.0V	Power Supply
3	NC	—	Noconnection
4	RS	H/L	H/L register select signal
5	R/W	H/L	H/L Read/Write signal
6	E	H/L	Enable signal
7	DB0	H/L	Data bus line
8	DB1	H/L	Data bus line
9	DB2	H/L	Data bus line
10	DB3	H/L	Data bus line
11	DB4	H/L	Data bus line
12	DB5	H/L	Data bus line
13	DB6	H/L	Data bus line
14	DB7	H/L	Data bus line
15	A	—	Power supply for B/L +
16	K	—	Power supply for B/L -

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Contour Drawing & Block Diagram

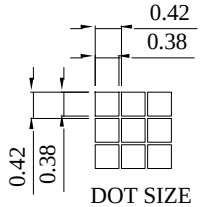




LED H/L B/L

PIN NO.	SYMBOL
1	Vss
2	Vdd
3	NC
4	RS
5	R/$\overline{W}$
6	E
7	DB0
8	DB1
9	DB2
10	DB3
11	DB4
12	DB5
13	DB6
14	DB7
15	A
16	K

The non-specified tolerance of dimension is ±0.3mm.



DOT SIZE
SCALE 10/1

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