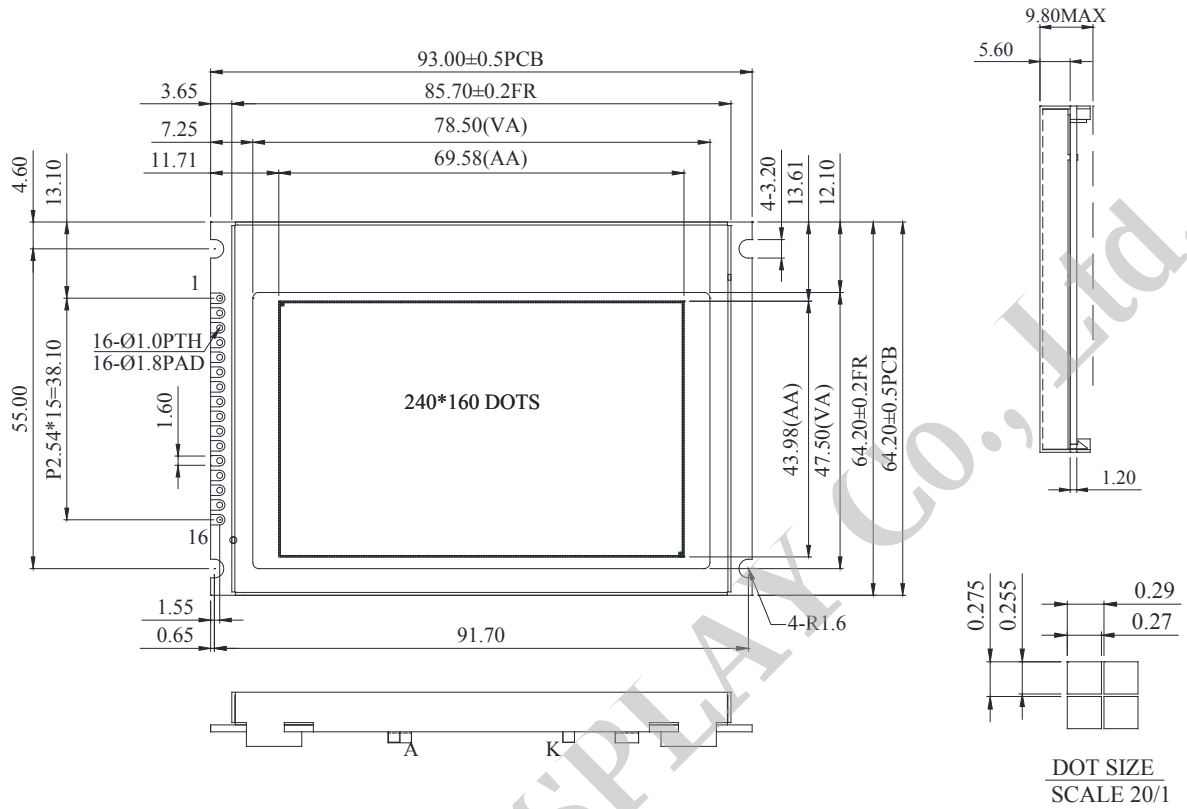
WO240160-XXXA#FC Character 240x160



WINSTAR DISPLAY Co., Ltd.

Feature

1. 240x160 dots includes cursor
2. Built-in controller ST7529
3. +3.3V power supply
4. 1/160 duty cycle

Pin No.	Symbol	Description
1	V_{DD}	Power supply for logic
2	V_{SS}	Ground
3	/CS	Chip select input pins
4	RS	Data/ Instruction select signal
5	/WR	Data write. Write data into LCD Controller
6	/RD	Data read. Read data from LCD Controller
7	DB0	Data bus line
8	DB1	Data bus line
9	DB2	Data bus line
10	DB3	Data bus line
11	DB4	Data bus line
12	DB5	Data bus line
13	DB6	Data bus line
14	DB7	Data bus line
15	/RST	Controller reset signal, Active Low
16	BLA	Power supply for B/L +

Mechanical Data

Item	Standard Value	Unit
Module Dimension	93.0 x 64.2	mm
Viewing Area	78.5 x 47.5	mm
Mounting Hole	91.7 x 55.0	mm
Dot Pitch	0.29 x 0.275	mm
Dot Size	0.27 x 0.255	mm

Electrical Characteristics

Item	Symbol	Standard Value typ.	Unit
Input Voltage	VDD	3.3	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	Vo-Vss	14.5	V