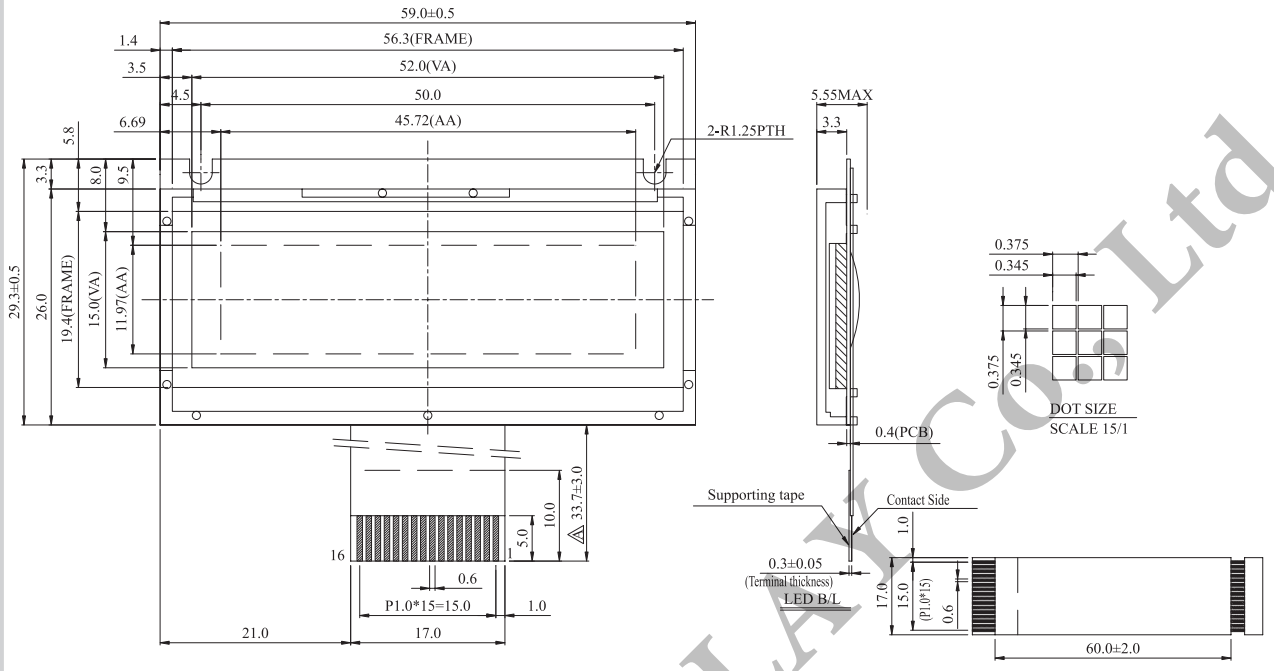
WG12232I Ghaphic 122x32 dots

Dimension drawing



Graphic type

Feature

1. Built-in controller Avant(SBN1661G) or equivalent
2. 1/32 duty cycle
3. FFC
4 Same size with WG12232D
5. White LED backlight not available

Pin NO.	Symbol	Function
1	VLED	B/L Selected
2	VSS	Ground
3	VDD	Supply voltage for logic
4	VO	Operating voltage for LCD
5	AO	H: Data L:Instruction
6	E1	Enable chip1
7	E2	Enable chip2
8	DB0	Data bus line
9	DB1	Data bus line
10	DB2	Data bus line
11	DB3	Data bus line
12	DB4	Data bus line
13	DB5	Data bus line
14	DB6	Data bus line
15	DB7	Data bus line
16	R/W	H: read data L:write data

Mechanical Data

Item	Standard Value	Unit
Module Dimension	59.0x29.3x5.55	mm
Viewing Area	52.0x15.0	mm
Dot Size	0.345x0.345	mm
Dot Pitch	0.375x0.375	mm
Mounting hole	50.0x1.5	mm

Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	2.75	5.0	5.25	V
Input Voltage	VI	0	---	VDD	V

Note: VSS=0 Volt , VDD=5.0 Volt .

Electronical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD	---	---	5.0	---	V
Supply Current	IDD	VDD=5V	---	1.0	---	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-VO	-20ºC	---	---	---	V
		25ºC	---	4.85	---	
		70ºC	---	---	---	
LED Forward Voltage	VF	25ºC	---	4.2	---	V
LED Forward Current	IF	25ºC	---	40.0	---	mA
EL Power Supply Current	IEF	Vel=110VAC;400Hz	---	---	5.0	mA

WINSTAR DISPLAY Co.,Ltd.