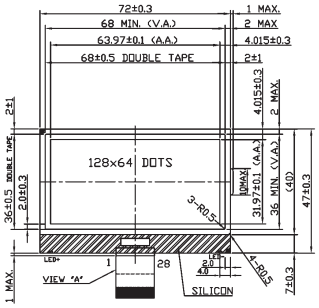
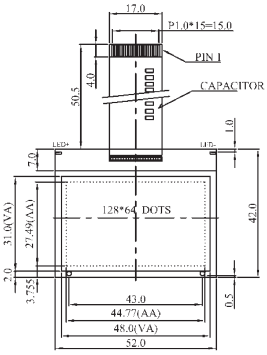
128x64 Dots

BO 12864B



- COG package
- Built-in controller SED1565
- +5V power supply
- 1/64 duty cycle
- +3V~+5V single power supply
- On chip LCD booster

BO 12864D



- COG package
- Built-in controller ST7541
- +3V single power supply
- 1/64 duty cycle
- On chip LCD booster
- 4-Gray scale

Part No.	Module Size (mm)	Viewing Area (mm)	Dot Size (mm)	Temperature Range
BO 12864B GPNB	72x47	68x36	0,47x0,47	0°C to +50°C
BO 12864D FPGH	52x42	48x31	0,4x0,32	

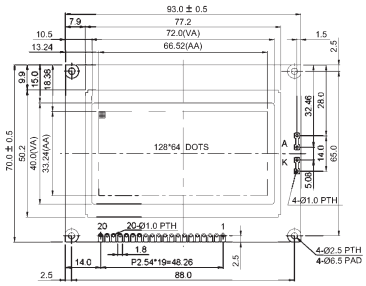
	Part No.	Ord. No.
O	BO 12864B GPNB	55618
S	BO 12864D FPGH	62229

Graphic LCD Modules

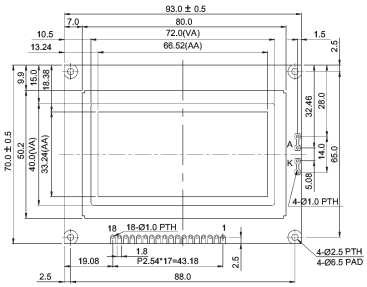
128x64 Dots

BG 12864A

Modules YPLH and FPGH are with yellow-green LED backlight, BNHH are with white LED backlight. Other modules are without backlight.
BO 12864B GPNB: I2C interface.



BG 12864D

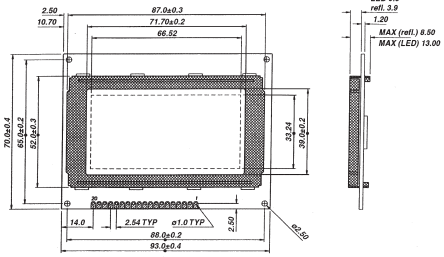


Part No.	Module Size (mm)	Viewing Area (mm)	Dot Size (mm)	Temperature Range
BG 12864A BNHHn	93x70	72x40	0,48x0,48	-20°C to +70°C
BG 12864A YPLH3n	93x70	72x40	0,48x0,48	-20°C to +70°C
BG 12864A YPLHn	93x70	72x40	0,48x0,48	-20°C to +70°C
BG 12864D BNHHn	78x70	62x44	0,4x0,56	-20°C to +70°C
BG 12864D YPLHn	78x70	62x44	0,4x0,56	-20°C to +70°C

	Part No.	Ord. No.
S	BG 12864A BNHHn	54639
O	BG 12864A YPLH3n	53767
S	BG 12864A YPLHn	55475
S	BG 12864D BNHHn	52834
S	BG 12864D YPLHn	63295

128x64 Dots

DEM 128064A

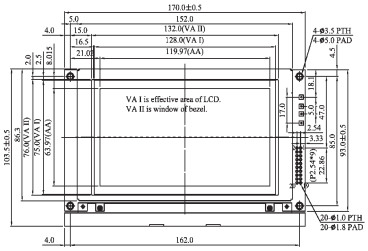


With yellow-green LED backlight.

Part No.	Module Size (mm)	Viewing Area (mm)	Dot Size (mm)	Temperature Range
DEM 128064A SYH-LY	93x70	71x39	0,48x0,48	-20°C to +70°C

	Part No.	Ord. No.
S	DEM 128064A SYH-LY	42442

240x128 Dots



With CCFL white backlight, negative.

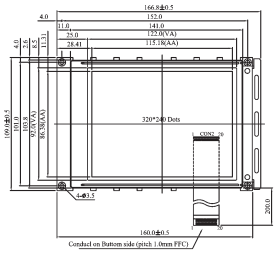
Part No.	Module Size (mm)	Viewing Area (mm)	Dot Size (mm)	Temperature Range
BG 240128A FNCHnt	170x104	132x76	0,47x0,47	-20°C to +70°C

	Part No.	Ord. No.
O	BG 240128A FNCHnt	54870

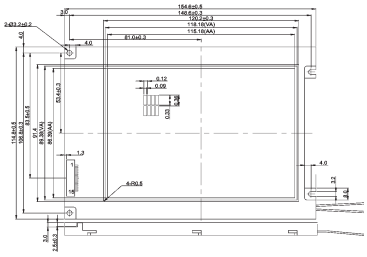
320x240 Dots

CCFL white backlight, negative, touch panel

BG 320240F



BF 320240A



Part No.	Module Size (mm)	Viewing Area (mm)	Dot Size (mm)	Temperature Range
BG 320240F BNCHnp	167x109	122x92	0,34x0,34	-20°C to +70°C
BR 320240A CNCHp	155x115	118x89	0,09x0,33	-20°C to +70°C

	Part No.	Ord. No.
S	BG 320240F BNCHnp	53760
O	BR 320240A CNCHp	54168