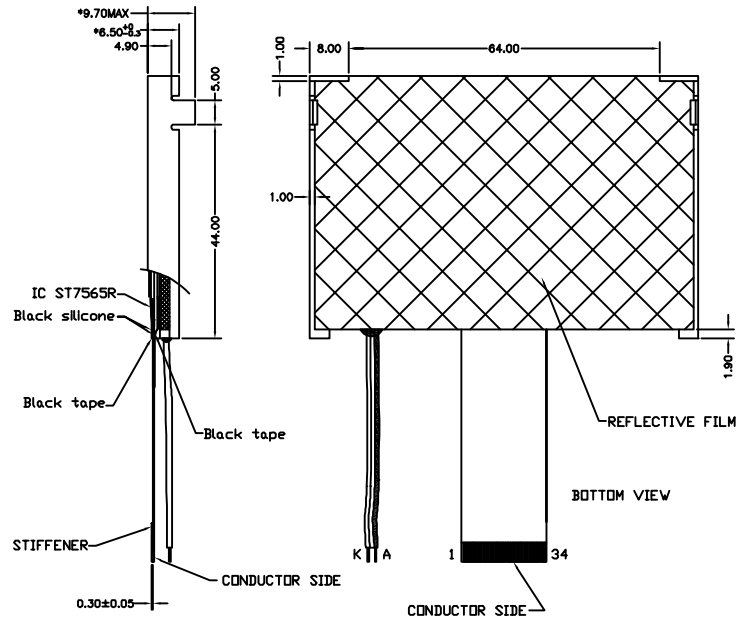
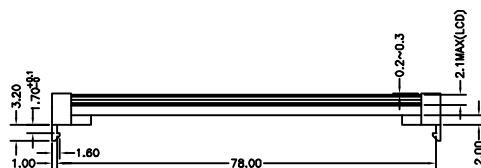
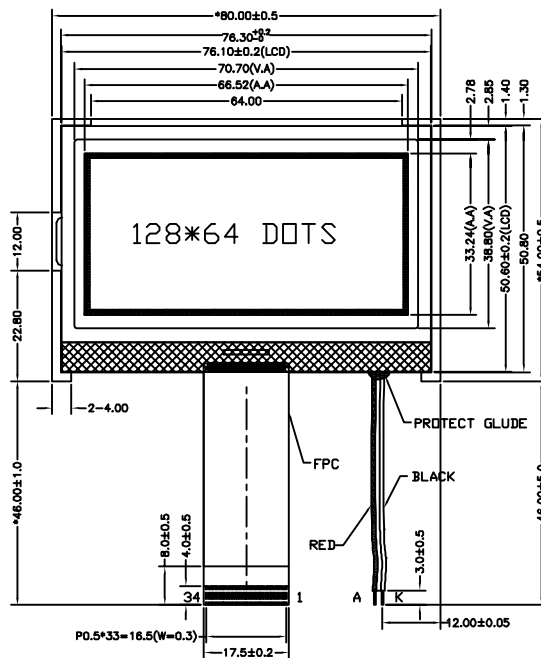
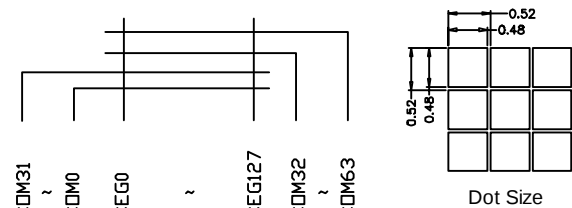


PG-120646 Series

OUTLINE DIMENSION



WITH LED B/L



MECHANICAL DIMENSION

Overall Dimension (mm)	80.00 X 54.00 X 9.70
Viewing Area (mm)	70.70 X 38.80
Format	128 SEG X 64 COM
Dot Size (mm)	0.48 X 0.48
Dot Pitch (mm)	0.52 X 0.52

ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	MIN	MAX	Unit
Supply Voltage for Logic	Vdd-Vss	-0.3	3.6	V
Supply Voltage for LCD	Vlcd	4.0	13.5	V
Input Voltage	Vin			V

ELECTRICAL CHARACTERISTICS (VDD=5.0V ; Top=25° C)

Parameter	Symbol	MIN	Typical	MAX	Unit
Power Supply Voltage	Vdd-Vss		3.3		V
LCD Operating Voltage	Vop		9.8		V
LCM Current Consumption	Idd				mA
Backlight Current Consumption	LED (Edge) LED (Array)				mA
Driving Method	1/65 Duty 1/9 Bias				

NOTES

IC Controller / Driver:
LCD :

Backlight :

Viewing Angle:

Operating Temperature :

Storage Temperature :

ST7565R or compatible
Y/G STN, FSTN,
NEGATIVE FSTN, NEGATIVE FFSTN
White LED, YELLOW-GREEN LED
6:00, 12:00
-20° C ~ +70° C
-30° C ~ +80° C

PIN ASSIGNMENT

Pin No.	Symbol	Pin No.	Symbol
1	/CS1	18	CAP3-
2	/RES	19	CAP1+
3	AO	20	CAP1-
4	/WR(RW)	21	CAP2-
5	/RD(E)	22	CAP2+
6	D0	23	CAP4-
7	D1	24	VRS
8	D2	25	V1
9	D3	26	V2
10	D4	27	V3
11	D5	28	V4
12	D6	29	V5
13	D7	30	VR
14	VDD	31	C86
15	VSS	32	P/S
16	VOOUT	33	/HPM
17	CAP5-	34	IRS