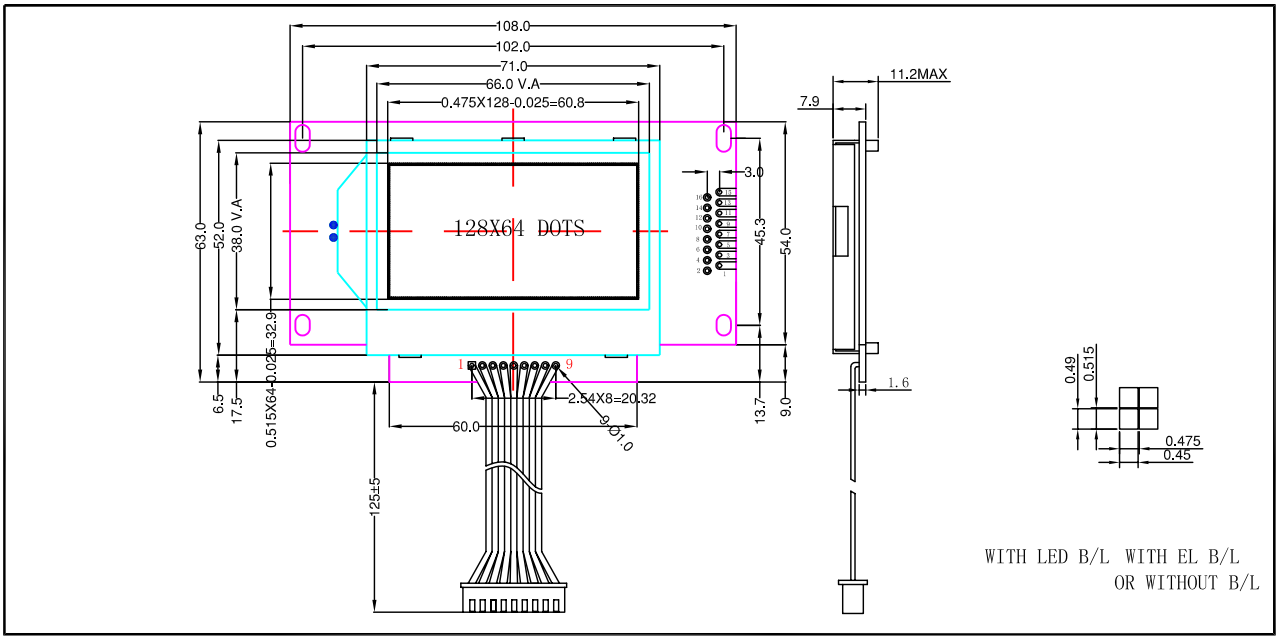
AV-DISPLAY

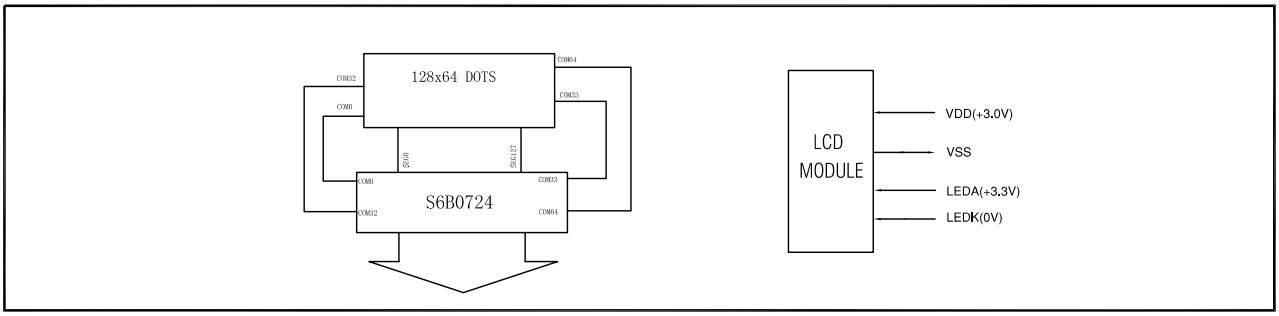
AGG128064C Series

128x64 DOTS
1/64 DUTY,1/9 BIAS

OUTLINE DIMENSIONS



BLOCK DIAGRAM & POWER SUPPLY



MECHANICAL SPECIFICATIONS & FEATURE

Item	Normal Dimensions(mm)	FEATURE	
Module Size (W*H*T)	108.0x63.0x11.2	LCD Type	STN、FSTN
View Area (W*H)	66.0x38.0	LCD Colour	STN:Yellow-Green、Gray FSTN:Gray
DotsxDots (W*H)	128x64	View Angle	6 O'clock、12 O'clock
Dot Pitch (W*H)	0.475x0.515	Display Type	Positive Type、Negative Type
Dot Size (W*H)	0.45x0.49	Rear polarizer	Transmissive、Reflective、Transflective
---	---	Operating Temperature	0°C ~ 50°C 、-20°C ~ 70°C
---	---	Backlight	LED:Yellow EL:Green、Blue-Green、Blue Without

ELECTRICAL CHARACTERISTICS

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Operating Voltage	Vdd	Ta=25°C	---	3.0	---	V
Operating Voltage for LCD	Vlcd	Ta=25°C	---	11.5	---	V
Supply Current	Idd	Ta=25°C, Vdd=3.0V	---	1.5	---	mA
Supply Current for Backlight(LED)	If	Ta=25°C, Vf=3.3V	---	20	---	mA

INTERFACE PIN CONNECTIONS

Pin No	Symbol	Level	Description
1	/CS	H/L	Chip selection in inpout
2	/RST	--	Reset signal
3	VDD	--	Power supply for Logic(+5.0V)
4	R/W	L	Data write
5	E(RD)	L	Data read
6-13	DB0-DB7	H/L	Data Bus lines
14	VDD	--	Power supply for Logic(+5.0V)
15	VSS	--	Ground for Logic
16	NC	--	

INTERFACE FFC CONNECTIONS

Pin No	Symbol	Level	Description
1	/CS	H/L	Chip selection in inpout
2	/RES	--	Reset signal
3	D/C	--	Register select input pin
4	SCK	--	Serial input clock
5	SDA	--	Serial input data
6	VDD	--	Power supply for Logic(+3.0V)
7	VSS	--	Ground for Logic
8	LEDK	--	Power supply for Backlight(-)
9	LEDA	--	Power supply for Backlight(+)

REMARK

Old No:HY-12864A-C01 Series