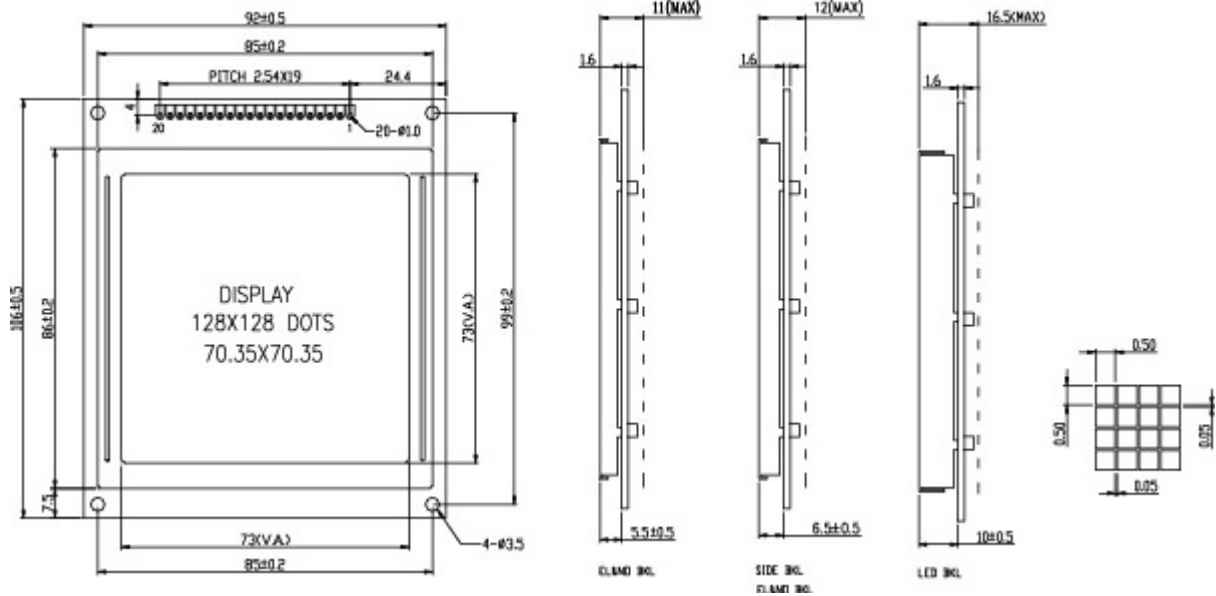
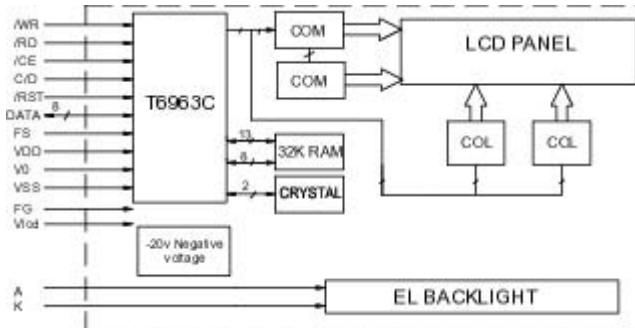


GDM128128A



Unit:mm

BLOCK DIAGRAM



FEATURE

1. 128x128 dots graphic LCD module
2. Built-in controller(T6963C)
3. 5.0V power supply
4. STN;1/128 duty;LED BKL or EL BKL

MECHANICAL DATA

ITEM	STANDARD	UNIT
Module dimension	92.0×106.0	mm
Viewing area	73.0×73.0	mm
Dot size	0.50×0.50	mm
Dot pitch	0.55×0.55	mm

INTERFACE PIN CONNECTIONS

PIN NO.	SYMBOL	FUNCTION
1	FG	Frame ground
2	VSS	GND
3	VDD	+5V
4	VEE	Operating voltage for LCD
5	/WR	Write enable signal
6	/RD	Read enable signal
7	/CE	Chip enable signal
8	C/D	H:Instruction,L:Data
9	/RST	Reset signal
10-17	DB0-DB7	Data bus line
18	FS	Font selection
19	A	Power supply for BKL(4.2V)
20	K	Power supply for BKL(GND)

MAXIMUM RATING

ITEM	SYMBOL	STANDARD			UNIT
		MIN.	TYP.	MAX.	
Power supply	VDD-VSS	-0.3	---	7.0	V
Input voltage	V_i	-0.3	---	VDD	

ELECTRICAL CHARACTERISTICS

ITEM	SYMBOL	CONDITION	STANDARD			UNIT
			MIN.	TYP.	MAX.	
Input voltage	VDD	+5V	4.7	5.0	5.5	V
		-	-	-	-	
Supply current	IDD	VDD=5.0	-	10	-	mA
Recommended LCD driving voltage for normal temp	VDD-V0	-20°C	-	-	-	V
		0°C	-	19.5	-	
		25°C	-	19.0	-	
		50°C	-	18.0	-	
		70°C	-	-	-	

