

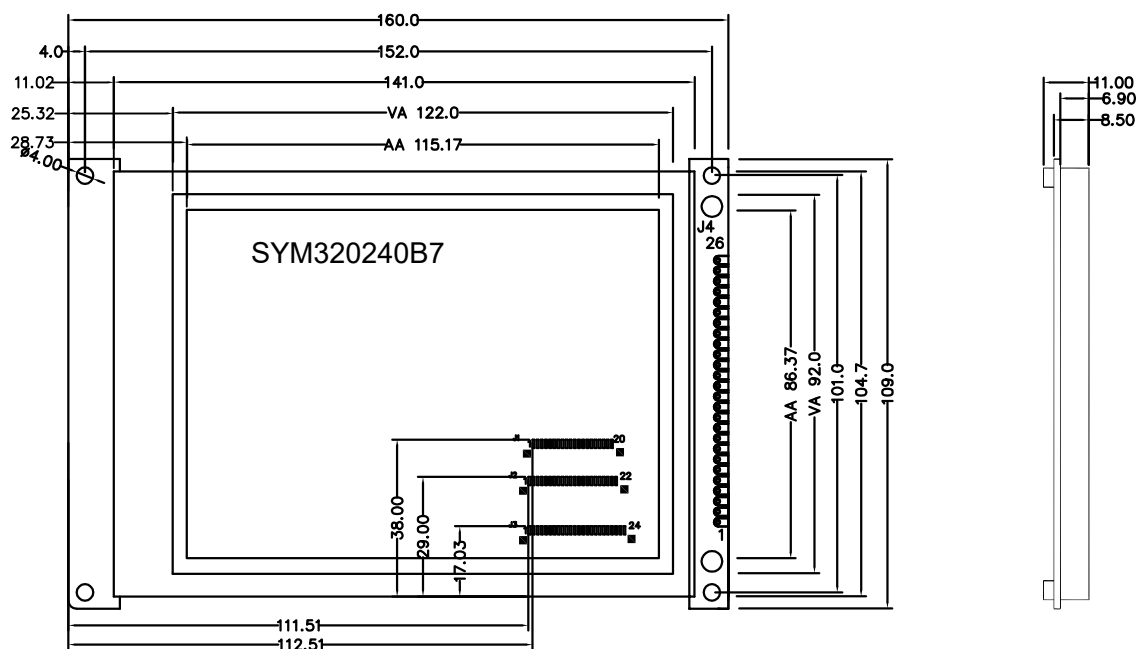


东莞市一众显示科技有限公司

DONG GUAN TEAM SOURCE DISPLAY TECHNOLOGY CO., LTD.

① PHYSICAL DIMENSION

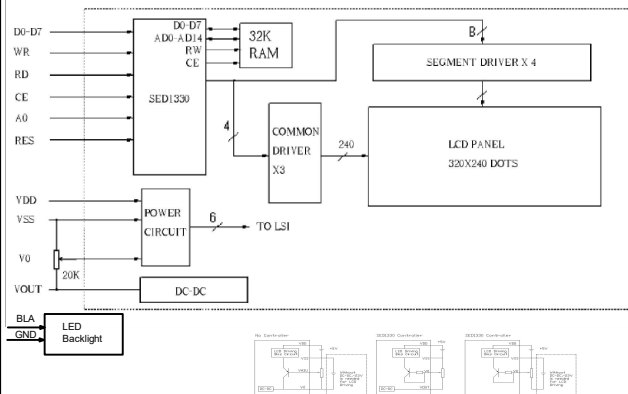
型号：TSM320240-3



② FEATURES

Feature	UNIT
LCD type & Colour	STN Yellow-green ;STN Blue ;FSTN
View Angle	6 0' clock
Operating temperature	-20℃ ---- 70℃
STORAGE TEMPERATURE	-30℃ ---- 80℃
Control IC & Package	SED1330 , SMT
Weight	200.0 (With B/L)
Backlight	LED
Supply current doesn't contain backlight	7 (Ta=25℃, VDD=5.0V)
	mA

④ BLOCK DIAGRAM



③ PIN CONFIGURATION

ITEM	SYMBOL	DESCRIPTION
1	VSS	Power ground
2	VDD	Power positive (+5V+10%).
3	V0	Operating voltage for LCD Driver(variable)
4	R/W	Read or Write.
5	RD	Register select
6	CS	Chip select
7	C/D	H:Data L:Instruction Code
8	RST	Reset Signal
9	DB0	Data bus [0~7]. There state I/O common terminal.
16	DB7	
17	BUSY	Busy Check Pin
18	INT	Interrupt output Pin
19	BLA	Power supply for backligh(+)
20	VOUT	Power out

⑤ ABSOLUTE MAXIMUM RATINGS (25℃)

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT
SUPPLY VOLTAGE LOGIC	VDD	-0.3	+5.0	+5.5	V
SUPPLY VOLTAGE DRIVER	VLCD-V0	-0.3	-21.0	-29	V
INPUT VOLTAGE	VIN	-0.3	+5.0	VDD+0.3	V