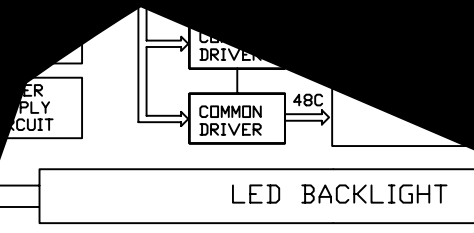
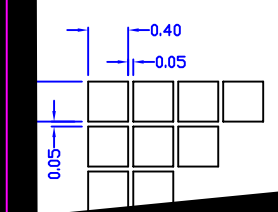
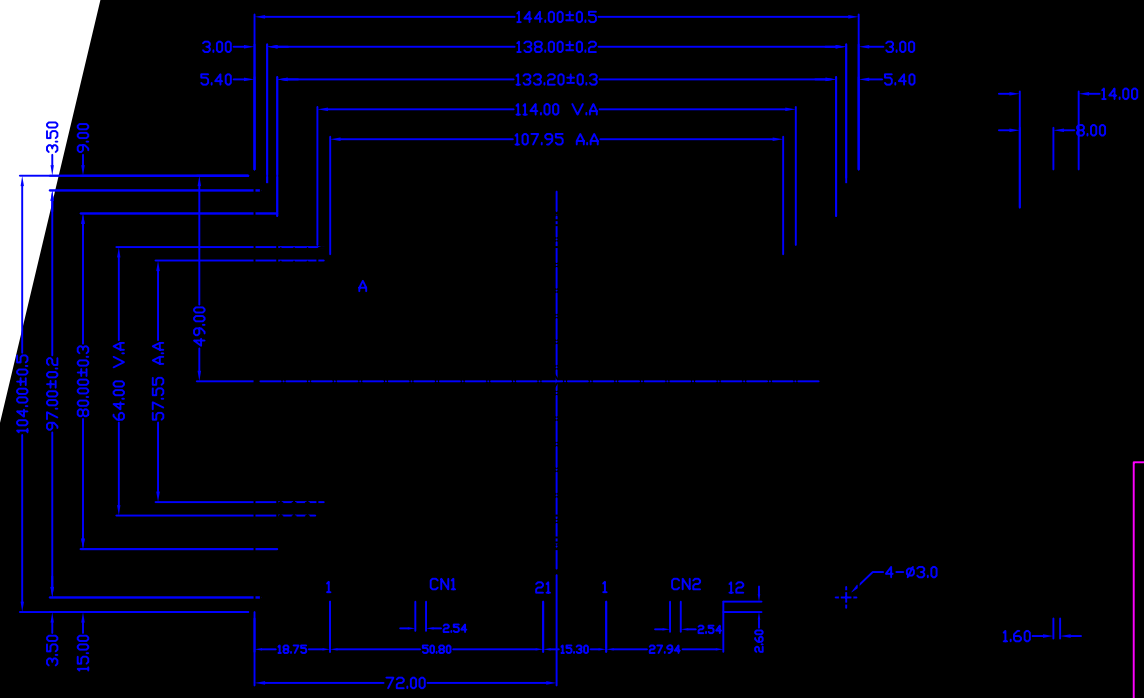


BY	DESCRIPTION
ZOLEN	NEW RELEASE



Pin Assignment

NO.	SYMBOL	DESCRIPTION
1	FG	FRAME GROUND
2	VSS	GROUND
3	VDD	POWER SUPPLY FOR LOGIC AND LCD
4	V0	OPERATING VOLTAGE FOR LCD
5	/WR	DATA WRITE
6	/RD	DATA READ
7	/CE	CHIP ENABLE FOR T6963C
8	C/D	COMMAND/DATA SELECTION
9	/RST	RESET T6963C (LOW EFFECTIVE)
10--17	DB0--DB7	DATA BUS
18	FS	FONT SELECTION (L:8X8, H:6X8)
19	VEE	NEGATIVE VOLTAGE INPUT/OUTPUT
20	LEDA	LED BACKLIGHT POWER SUPPLY(+5.0V)
21	LEDK	LED BACKLIGHT POWER SUPPLY(-)

Absolute Maximum

ITEM	SYMBOL	MIN	MAX	UNIT
POWER SUPPLY (LOGIC)	VDD-VSS	0	6.5	V
POWER SUPPLY (LCD DRV.)	VDD-V0	0	18.0	V
INPUT VOLTAGE	VI	VI	VDD	V

ITEM	SYMBOL	MIN	TYP	MAX	UNIT
VOLTAGE FOR LOGIC	VDD-VSS	4.75	5.0	5.25	V
SUPPLY CURRENT	IDD	-	12.0	-	mA
LCD OPERATING VOLTAGE	VDD-V0	0C	-	16.0	V
		25C	-	15.0	V
		40C	-	14.0	V
INPUT VOLTAGE	H	0.7VDD	-	VDD	V
	L	VIL	0	0.3VDD	V

ALL DIMENSIONS ARE IN MM. TOLERANCE IS +/-0.2 UNLESS OTHERWISE NOTED.

