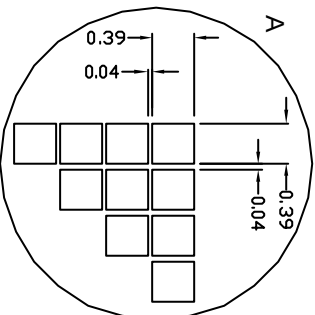
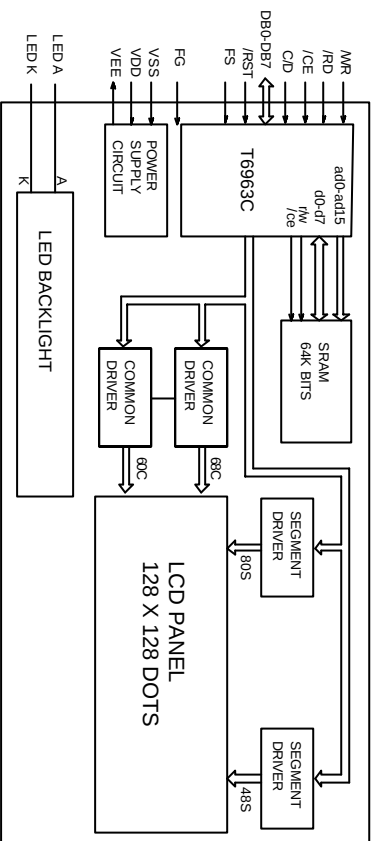
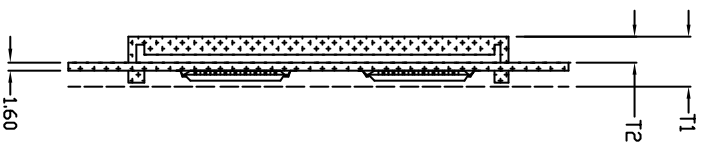
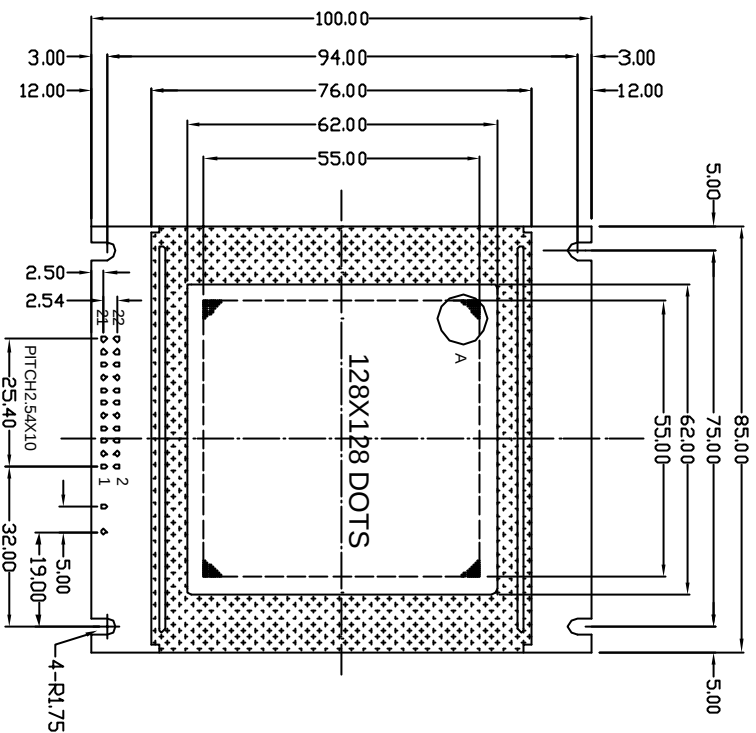




* FOR LED BACKLIGHT
T1=14.0MAX T2=9.0MAX
* FOR EL OR NO BACKLIGHT
T1=11.0MAX T2=6.0MAX

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1.	01/06/18	A.CH	NEW RELEASE

PINS 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	MR DATA WRITE
6	RD DATA READ
7	ICE CHIP ENABLE FOR T6963C
8	CD COMMAND/DATA SELECTION
9	NC NO CONNECT
10	RS RESET T6963C (LOW EFFECTIVE)
11-18	DB0-DB7 DATA BUS
19	PS FONT SELECTION (L:8X8, H:8X8)
20	V/E NEGATIVE VOLTAGE INPUT/OUTPUT
21	BLA POWER SUPPLY FOR BACKLIGHT (+)
22	BLK POWER SUPPLY FOR BACKLIGHT (-)

ABSOLUTE MAXIMUM RATING			
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	V _I	V _I	VDD V

ELECTRICAL CHARACTERISTICS					
ITEM	SYMBOL	MIN	TYP	MAX	UNIT
VOLTAGE FOR LOGIC SUPPLY CURRENT	VDD-VSS	4.75	5.0	5.25	V
LCD OPERATING VOLTAGE	OC ZSC 4QC	- - -	12.0 16.0 15.0	- V V	mA V V
INPUT VOLTAGE	H L VIL	0.7VDD 0	- VDD 0.3VDD	- V V	

MECHANICAL SPECIFICATIONS	
ITEM	SPECIFICATION
OVERALL SIZE	86.0W x 100.0H x 14.0T(11.0T)
VIEWING AREA	62.0W x 62.0H
DOT NUMBER	128 x 128
DOT SIZE	0.39W x 0.39H
DOT PITCH	0.43W x 0.43H

OPTIONS
1. LCD TYPE: Y/G STN, GRAY STN;
2. BACKLIGHT: WITHOUT BACKLIGHT, LED, EL;
3. COLOR OF BACKLIGHT: Y/G, BLUE, WHITE
4. TEMPERATURE RANGE: NORMAL (0-50C)
5. POWER SUPPLY: ON BOARD DC/DC (SINGLE 5.0V); DUAL POWER SUPPLY (5.0V & -10.0V)
6. VIEWING ANGLE: 6H, 12H

NT-G1281281A

128 X 128 DOTS GRAPHIC LCM



KNOW YOUR SUPPLIER, AND YOUR PARTNER!

ALL DIMENSIONS ARE IN MM. TOLERANCE IS ± 0.2 UNLESS OTHERWISE NOTED.

