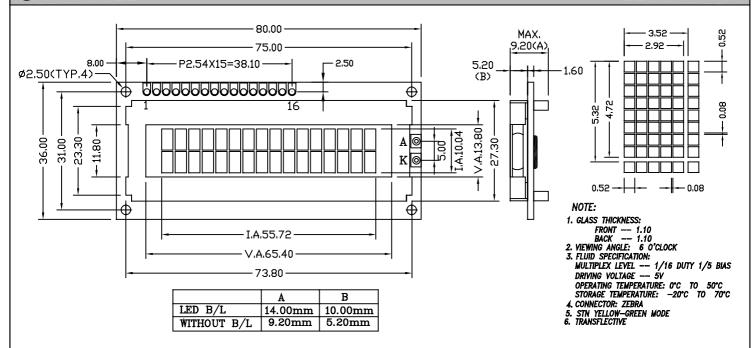


ITM-1602ASTL

| INTECH LCD (SHEN ZHEN) CO.,LTD | VER | A0 | FILE NO | IT-III-ED-004 | REV.NO | 01 | SHEET | OF | DATE | 24.FEB.2000

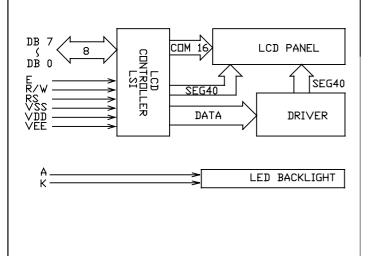
1 EXTERNAL DIMENSION



2 MECHANICAL DATA

ITEM	SPECFICATION	UNIT
Module Size (WXHXT)	80.0 x 36.0 x 9.2	mm
Viewing Area (WXH)	65.4 x 13.8	mm
Number of Character	16 Character x 2 Line	Char
Dot Pitch (WXH)	0.6 x 0.6	mm
Dot Size (WXH)	0.52 x 0.52	mm
Character Pith (WXH)	3.52 x 5.32	mm
Character Size (W X H)	2.92 x 4.72	mm

4 BLOCK DIAGRAM



3 PIN CONFIGURATION

SYMBOL	LEVEL	DECODIDITION		
		DESCRIPTION		
VSS	L	Power GND		
VDD	H	Power Positive		
VEE	٦	Voltage For LCD Panel Drive		
RS	H/L	Register Select		
R/W	H/L	Read/Write Select		
Е	H/L	Read/Write Enable		
DBO	H/L	Data Bus		
DB1	H/L			
DB2	H/L			
DB3	H/L			
DB4	H/L			
DB5	H/L			
DB6	H/L			
DB7	H/L			
Α	Н	LED BACKLIGHT +		
K	٦	LED BACKLIGHT -		
	VDD VEE RS RW E DBO DB1 DB2 DB3 DB4 DB5 DB6 DB7 A	VDD H VEE L RS H/L RW H/L E H/L DBO H/L DB1 H/L DB2 H/L DB3 H/L DB4 H/L DB5 H/L DB6 H/L DB7 H/L		

(5) ELECTRICAL CHARACTERISTICS (25°C)

PARAMETER	SYMBOL	MIN.	MAX.	UNIT
Supply Voltage Logic	V _{DD}	-0.3	+7.0	٧
Supply Voltage Driver	VLCD	V _{DD} -15.0	V _{DD} +0.3	٧
Input Voltage	Vin	-0.3	V _{DD} +0.3	٧