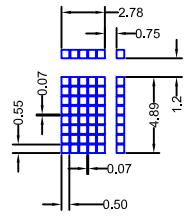
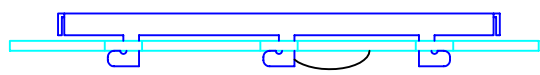


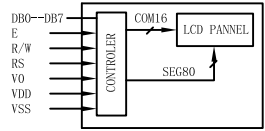
DIFFEREN TO BTC-16206B



**NOTE:**

- 1 TOLERANCES UNLESS OTHERWISE SPECIFIED:  $\pm 0.25\text{mm}$
- 2 ALL DIMENSION ARE IN mm
- 3 VIESTING ANGLE: 6° O'CLOCK
- 4 MULTIPLEX LEVEL: 1/16 DUTY, 1/5 BIAS
- 5 LCD: STN (YELLOW-GREEN MODE)
- 6 DISPLAY MODE: REFLECTIVE / POSITIVE
- 7 CONNECTORS: ZEBRA
- 8 DATA TRANSFER: 8-BIT PARALLEL DATA TRANSFER

I/O CONNECTION		
Pin No	Symbol	Function
1	VDD	Power supply (+)
2	VSS	Power supply (GND)
3	V0	Contrast adjust
4	RS	Register select signal
5	R/W	Data read / write
6	E	Enable signal
7	DB0	Data bus line
8	DB1	Data bus line
9	DB2	Data bus line
10	DB3	Data bus line
11	DB4	Data bus line
12	DB5	Data bus line
13	DB6	Data bus line
14	DB7	Data bus line



**ABSOLUTE MAXIMUM RATING**

ITEM	Symbol	Condition	Min	Max	Units
Power supply for logic	Vdd-Vss	25°C	-0.3	7.0	V
Operating voltage for LCD	Vdd-V0	25°C	-0.3	13.0	V
Input voltage	Vin	25°C	-0.3	Vdd+0.3	V
Operating temperature	Top	--	-20	70	°C
Storage temperature	Istg	--	-25	80	°C

**ELECTRO-OPTICAL CHARACTERISTICS**

ITEM	Symbol	Condition	Min	Typ	Max	Units
Power supply for logic	Vdd-Vss	25°C	4.5	5.0	5.5	V
LCM current consumption (No B/L)	Id	Vdd=5V	--	2.0	3.0	mA
Operating voltage for LCD	Vdd-V0	-20°C	4.7	5.0	5.3	V
		25°C	4.7	5.0	5.3	V
		70°C	4.7	5.0	5.3	V

**BeyondTek, Inc.**

DESIGN MODEL		BTC-16206B	
VAR.	A	DATE	2004.12.20
CUSTOMER MODEL		APPROVED BY	
		CHECKED BY	
PAGE 1	OF 1	DRAWN BY	