

A

B

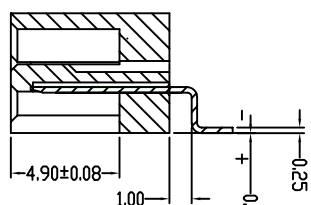
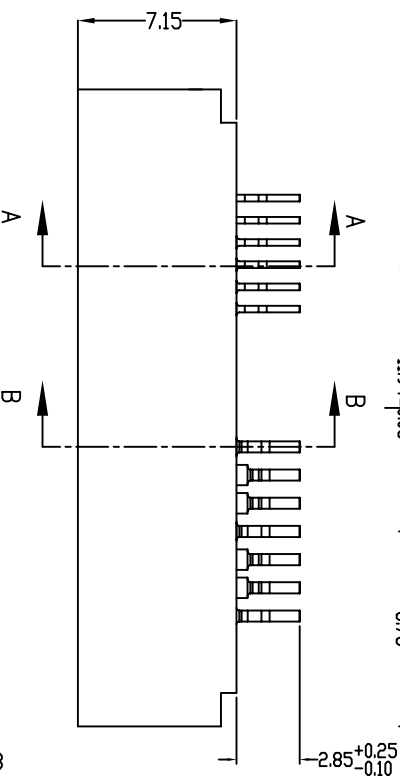
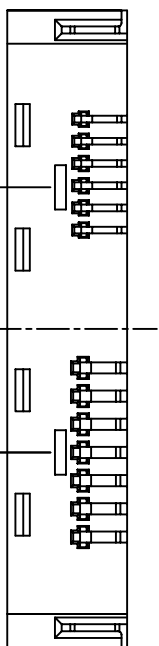
C

D

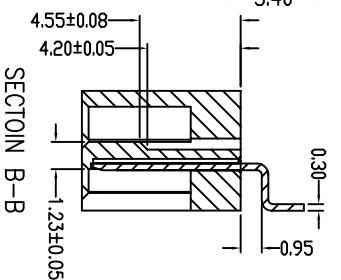
E

CUSTOMER DRAWING

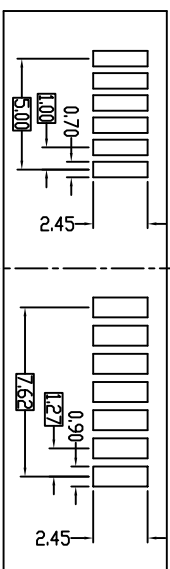
REVISIONS			
SYM	ECN No.	DESCRIPTION	DATE
AX1			03/19/2008
			Jenny



SECTION A-A



SECTION B-B



RECOMMENDED PCB LAYOUT



PART NUMBER SYSTEM: T5048E10 X B50 1XX

Contact Plating

- 1 = G/F
- 2 = 15u
- 3 = 30u

VARIATION CODE

NOTE:

1.MATERIAL :

BASE: HIGH THERMOPLASTIC UL94V-0, COLOR : BLACK
TERMINAL: COPPER ALLOY, T= 0.30&0.25 mm

2.PLATING:

CONTACT:GOLD PLATED ON THE CONTACT.
TIN PLATED ON THE SOLDER TAIL.

NICKEL UNDERPLATED OVER ALL.

3.ELECTRONICAL SPECIFICATION:

CURRENT RATING: 1.5 AMPERE PER CONTACT
CONTACT RESISTANCE: 30 MILLIOHMS MAX.
INSULATION RESISTANCE: 1000 MEGOHMS MIN.
DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC.
OPERATING TEMPERATURE: -40°C~+85°C

4.MEETS THE REQUIREMENTS OF DIRECTIVE 2002/95/EC OF THE
EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 27 JANUARY
2003 ON THE RESTRICTION OF THE USE OF CERTAIN HAZARDOUS
SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT(ROHS)

TC&C Electronic Co.,Ltd

TOLERANCE UNIT (mm)	APPROVALS	DATE
X, .40, .50	DRAWN ChenTianyu	03/19/2008
X.X, .40, .38	CHECKED Johnson	03/19/2008
X.XX, .40, .250	APPROVED Johnson	03/19/2008
X.XXX, .40, .10	UNIT MM	
ANGULAR .45°		
UNLESS OTHERWISE SPECIFIED		

TITLE			
SATA 13P PLUG SMT TYPE(NO LATCH)			
SCALE N.A.	PART NO.	DRAWING NO.	REV.
SHEET 1 OF 1	T5048E10XB501XX	T5048E10XB501XX-AX1	AX1
CUSTOMER CODE	CUSTOMER PART NO.		

5

4

3

2

1