

CUSTOMER DRAWING

PART NUMBER SYSTEM: T50C862X1370XX

CANTACT PLATING

0=G/F

1=5u'''

2=10u'''

3=15u'''

4=30u'''

NOTE:

1. MATERIAL:

SEE TABLE

2. ELECTRICAL CHARACTERISTICS:

VOLTAGE CURRENT RATING:1.5AMP.30V AC

CONTACT RESISTANCE:30mΩ MAX

INSULATION RESISTANCE:1000MΩ MIN

DIELECTRIC WITHSTANDING VOLTAGE:500V AC

3. TEMPERATURE RANGE: -40°C~+85°C

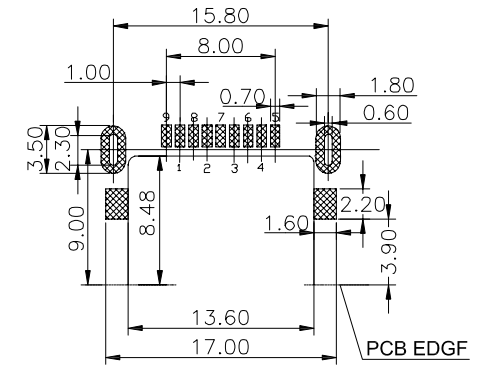
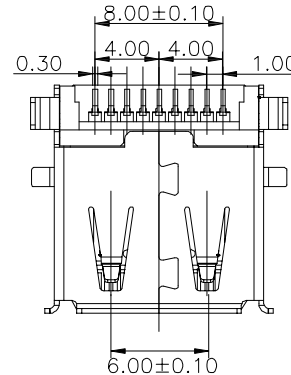
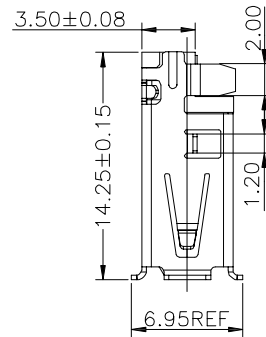
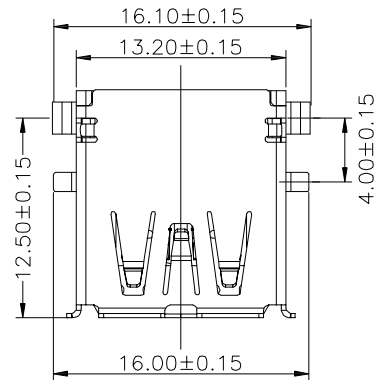
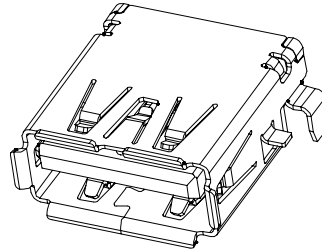
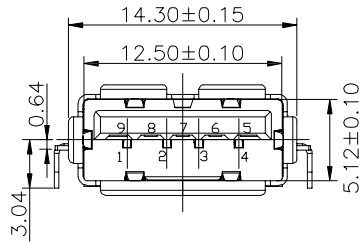
4. MECHANICAL CHARACTERISTICS:

MATING FORCE:35N(3.57KG)MAX

UNMATING FORCE:10N(1.02KG)MIN

DURABILITY:5000 CYCLES

5. DIM MARKED SHOULD BE MEASURED BY FAI]



RECOMMENDED PCB LAYOUT

USB3.0 STANDARD-A CONNECTOR PIN ASSIGNMENTS

PIN	SIGNAL NAME	DESCRIPTION
1	VBUS	POWER
2	D-	USB2.0 DIFFERENTIAL PAIR
3	D+	
4	GND	GROUND FOR POWER RETUM
5	STDA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR
6	STDA_SSRX+	
7	GND_DRATN	GROUND FOR SIGNAL RETUM
8	STDA_SSTX-	SUPERSPEED YTSMOYYRT DIFFERENTIAL PAIR
9	STDA_SSTX+	
SHELL	SHIELD	CONNECTOR METAL SHELL



TABLE:

ITEM	PARTS NAME	Q'TY	MATERIAL	FINISH/REMARK
1	HOUSING	1	HIGH-TEMPERATURE	UL 94V-0 COLOR:BLUE
2	SHELL	1	CIPPER ALLOY	T=0.3MM 50u'' NICKEL PLATING
3	CONTACT	9	CIPPER ALLOY	T=0.25MM CONTACT AREA PLATED 3u'' AU

TOLERANCE UNIT(mm)		APPROVALS		DATE		TC&C Electronics Co.,Ltd				
X.	±0.30	DRAWN Leo		10/21/2009		TITLE USB3.0 FEMALE SMT A TYPE(沉板式)				
X.X	±0.25	CHECKED King		10/21/2009						
X.XX	±0.15	APPROVED Johnson		10/21/2009						
X.XXX	±0.08	UNIT MM		SCALE N.A.		PART NO. T50C862X1370XX		DRAWING NO. T50C862X1370XX AX1		REV. AX1
ANGULAR	±2°			SHEET 1 OF 1						
UNLESS OTHERWISE SPECIFIED				CUSTOMER CODE				CUSTOMER PART NO.		