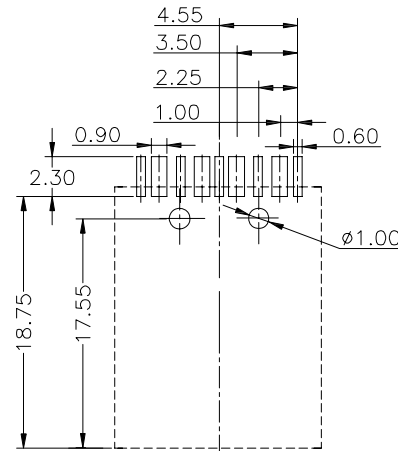
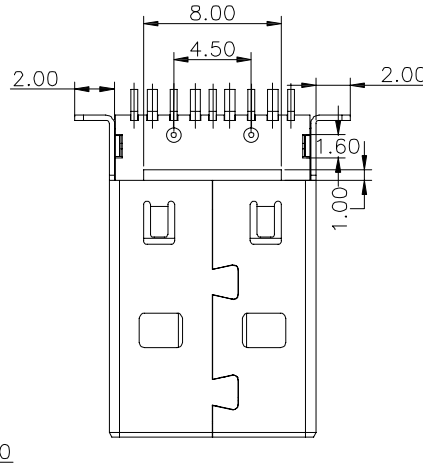
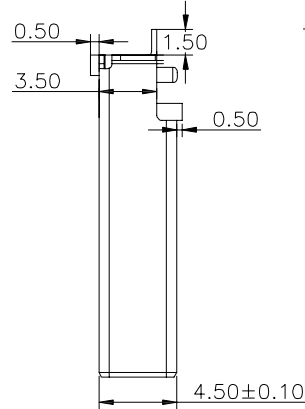
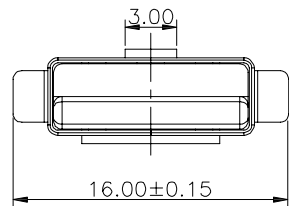
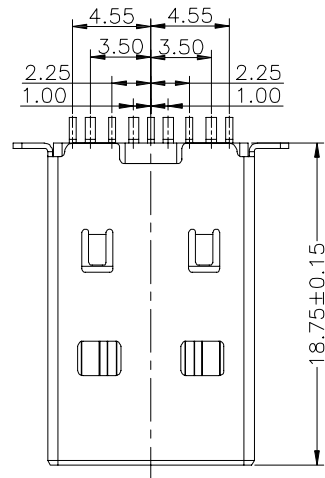
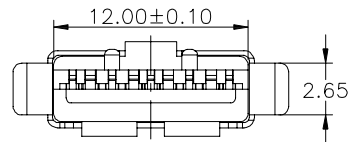


CUSTOMER DRAWING



REFERENCE PCB LAYOUT

PART NUMBER SYSTEM: T50C841X1162XX

CANTACT PLATING

0=G/F
1=5u"
2=10u"
3=15u"
4=30u"



REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
AX1		NEW	09/26/2009	JOHNSON

TABLE:

ITEM	PARTS NAME	Q'TY	MATERIAL	FINISH/REMARK
1	HOUSING	1	L.C.P	UL 94V-0 COLOR:BLACK
2	HOUSING(TOP)	1	L.C.P	UL 94V-0 COLOR:BLACK
3	SHELL	9	PHOSPHOR BRONZE	T=0.2MM 5U" GOLD TAILS:100U" TIN(LEAD FREE)
4	PIN A	1	STAINLESS	T=0.4MM 50U" NICKEL PLATING

NOTE:

1. MATERIAL:

SEE TABLE

2. ELECTRICAL CHARACTERISTICS:

VOLTAGE CURRENT RATING:1.0AMP.30V AC

CONTACT RESISTANCE:30mΩ MAX

INSULATION RESISTANCE:1000MΩ MIN

DIELECTRIC WITHSTANDING VOLTAGE:500V AC

3. TEMPERATURE RANGE: -25°C~+85°C

4. MECHANICAL CHARACTERISTICS:

MATING FORCE:40N(4.0KG)MAX

UNMATING FORCE:10N(1.02KG)MIN

GONTACT RETENTION FORCE:1.47N(0.15KG)MIN

DURABILITY:5000 TIMES MATING/UNMATING SYSLES

5. DIM MARKED SHOULD BE MEASURED BY FAI]

6. GP PASS AS THE ROHS/SS-00259

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

TOLERANCE UNIT(mm)	APPROVALS	DATE	TC&C Electronics Co.,Ltd			
X. ±0.30	DRAWN Leo	09/26/2009	TITLE USB 3.0 MALE SMD A TYPE			
X,X ±0.25	CHECKED King	09/26/2009				
X,XX ±0.15	APPROVED Johnson	09/26/2009				
X,XXX ±0.08	UNIT MM		SCALE N.A.	PART NO. T50C841X1162XX	DRAWING NO. T50C841X1162XX AX1	REV. AX1
ANGULAR ±2°			SHEET 1 OF 1	CUSTOMER CODE	CUSTOMER PART NO.	
UNLESS OTHERWISE SPECIFIED						