

CUSTOMER DRAWING

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

TABLE:

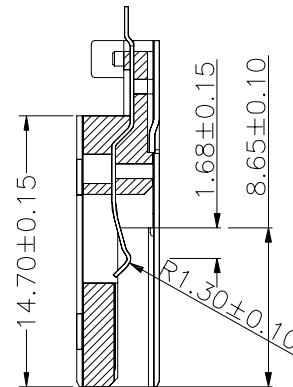
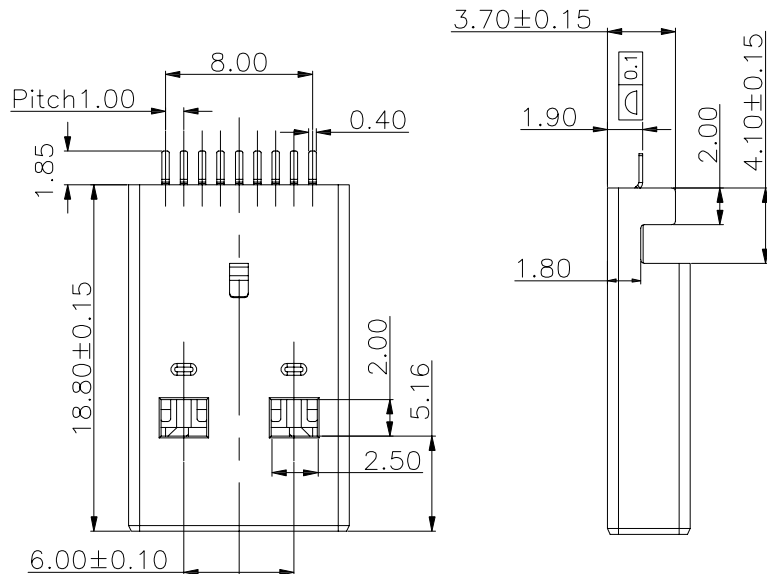
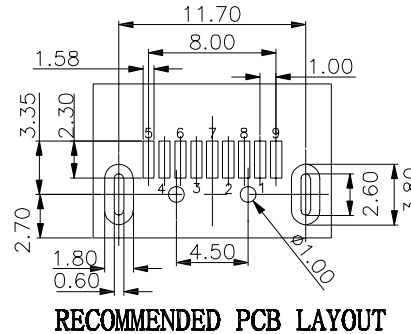
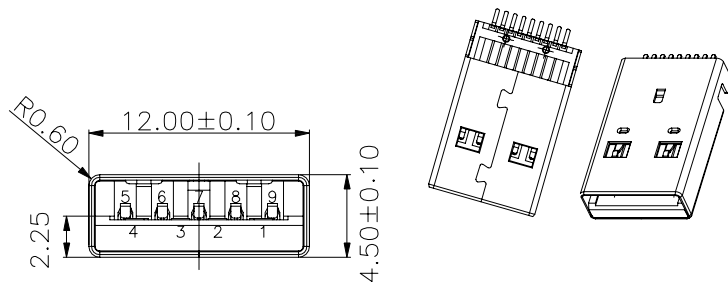
ITEM	PARTS NAME	Q'TY	MATERIAL	FINISH/REMARK
1	HOUSING	1	L.C.P	UL 94V-0 COLOR:BLACK
2	SHELL	1	CIPPER ALLOY	T=0.3MM 100u" NICKEL PLATING
3	CONTACT	9	CIPPER ALLOY	T=0.25MM 1u" GOLD TAILS:50u" TIN(LEAD FREE)

NOTE:

- MATERIAL:**
SEE TABLE
- ELECTRICAL CHARACTERISTICS:**
VOLTAGE CURRENT RATING:1.0AMP.30V AC
CONTACT RESISTANCE:30mΩ MAX
INSULATION RESISTANCE:1000MΩ MIN
DIELECTRIC WITHSTANDING VOLTAGE:500V AC
- TEMPERATURE RANGE:** -25°C~+85°C
- MECHANICAL CHARACTERISTICS:**
MATING FORCE:40N(4.0KG)MAX
UNMATING FORCE:10N(1.02KG)MIN
CONTACT RETENTION FORCE:1.47N(0.15KG)MIN
DURABILITY:5000 TIMES MATING/UNMATING SYSLES
- DIM MARKED SHOULD BE MEASURED BY FAI**
- 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 RETURN
5	STDA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR
6	STDA_SSRX+	
7	GND_DRATN	GROUND FOR SIGNAL RETURN
8	STDA_SSTX-	SUPERSPEED YTSMOYYRT DIFFERENTIAL PAIR
9	STDA_SSTX+	
SHELL	SHIELD	CONNECTOR METAL SHELL



PART NUMBER SYSTEM: T50C861X0112XX

CANTACT PLATING

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



TOLERANCE UNIT(mm)	APPROVALS	DATE	TC&C Electronics Co.,Ltd			
X. ±0.30	DRAWN	09/26/2009	TITLE USB 3.0 MALE SMT A TYPE			
X.X ±0.25	Leo					
X.XX ±0.15	CHECKED	09/26/2009				
X.XXX ±0.08	King					
ANGULAR ±2°	APPROVED	09/26/2009				
UNLESS OTHERWISE SPECIFIED	Johnson					
	UNIT	MM	SCALE N.A.	PART NO.	DRAWING NO.	REV.
			SHEET 1 OF 1	T50C861X0112XX	T50C861X0112XX AX1	AX1
			CUSTOMER CODE	CUSTOMER PART NO.		