

A

B

C

D

E

CUSTOMER DRAWING

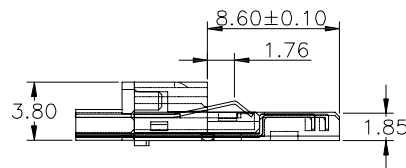
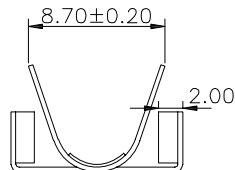
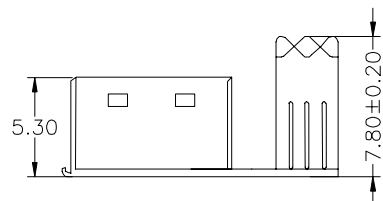
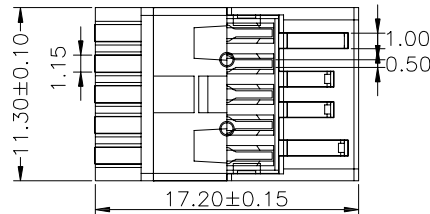
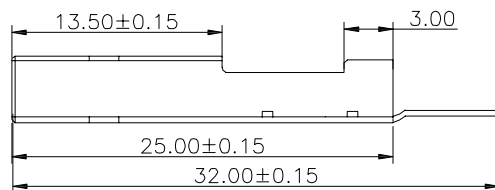
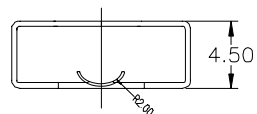
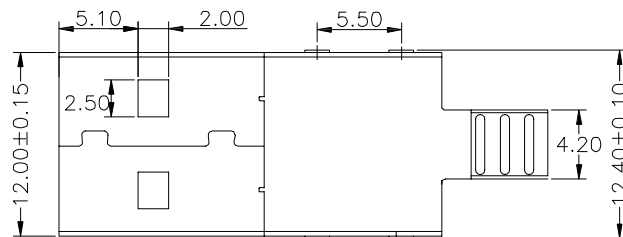


TABLE:

ITEM	PARTS NAME	Q'TY	MATERIAL	FINISH/REMARK
1	HOUSING	1	HIGH-TEMPERATURE	UL 94V-0 COLOR:BLUE
2	SHELL	1	SPCC-SD	T=0.3MM 50U" NICKEL PLATING
3	END STOPPLE	1	HIGH-TEMPERATURE	UL 94V-0 COLOR:BLACK
4	PIN A	4	BRASS	T=0.2MM 1u" GOLD TAILS:100u" TIN(LEAD FREE)
5	PIN B	5	PHOSPHOR BRONZE	T=0.2MM 1u" GOLD TAILS:100u" TIN(LEAD FREE)
6	END CAP	1	SPCC-SD	T=0.3MM 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

CONTACT 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 RETURN
5	STDA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR
6	STDA_SSRX+	
7	GND_DRATN	GROUND FOR SIGNAL RETURN
8	STDA_SSTX-	SUPERSPEED YTSMOYRT DIFFERENTIAL PAIR
9	STDA_SSTX+	
SHELL	SHIELD	CONNECTOR METAL SHELL

PART NUMBER SYSTEM: T50C841X0132XX

CONTACT 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 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	SCALE N.A.	PART NO. T50C841X0132XX	DRAWING NO. T50C841X0132XX AX1	REV. AX1
X.XXX ±0.08			SHEET 1 OF 1			
ANGULAR ±2°			CUSTOMER CODE	CUSTOMER PART NO.		
UNLESS OTHERWISE SPECIFIED						