

REVISION HISTORY		
REV.	ECN NUMBER	DATE
A	SZ2009-0497	05/27'10
B	SZ2010-0080	07/09/10

**SPECIFICATION:**

**1.ELECTRICAL CHARACTERISTICS:**

- 1-1.LOW LEVEL CONTACT RESISTANCE (DRY CIRCUIT),  
20 MILLIOHMS MAX. INITIAL.
- 1-2.DIELECTRIC WITHSTANDING VOLTAGE:500 VAC AT SEA LEVEL.
- 1-3.INSULATION RESISTANCE:1000 MEGAOHMS MIN. INITIAL.

**2.PERFORMANCE:**

- 2-1.VOLTAGE RATING: 30V DC,
- 2-2.CURRENT RATING:7.0 AMPS MAX. PER CONTACT.
- 2-3.OPERATING TEMPERATURE: -40° C~85° C

**3.MECHANICAL:**

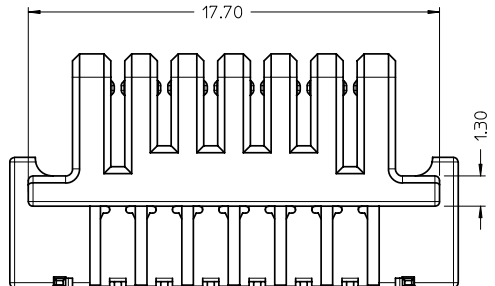
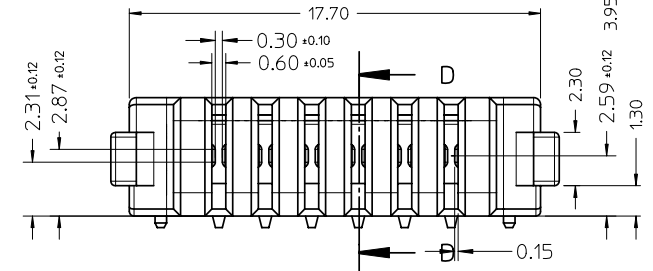
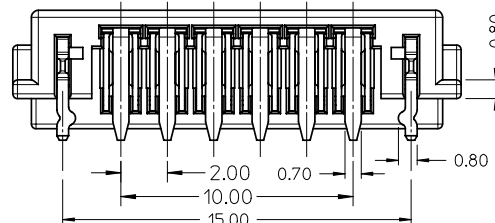
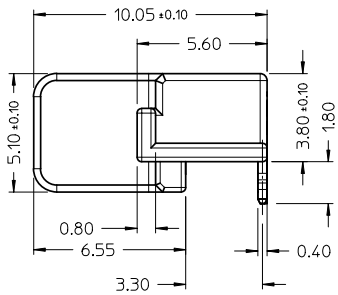
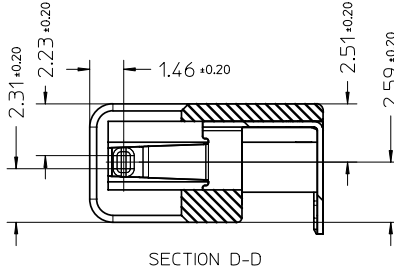
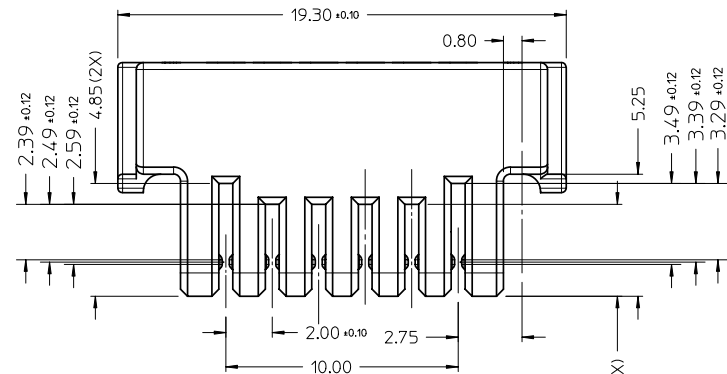
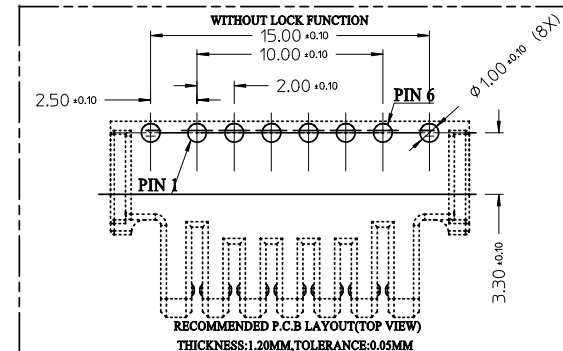
- 3-1.DURABILITY(MATING/UNMATING CYCLES):5000 CYCLES.
- 3-2.NORMAL FORCE :0.05Kg<sub>f</sub> MIN./PIN
- 3-3.MATING FORCE: 0.035Kg<sub>f</sub> PER PIN ~ 0.35Kg<sub>f</sub> PER PIN  
UNMATING FORCE: 0.025Kg<sub>f</sub> PER PIN ~ 0.24 Kg<sub>f</sub> PER PIN

**4.PLEASE CONTACT OCTEKCONN SALES REPRESENTATIVE TO VERIFY PRODUCT DETAILS & AVAILABILITY.**

**5.PRODUCT NO MATRIX:**

**2BABTK - 06 RA 1 B**

- PRODUCT COMPLIANT TO ROHS AND HALOGEN FREE.
- TERMINAL PLATING: NICKEL PLATED 50u"~100u" OVER ALL  
GOLD PLATED 5 u" MIN. ON CONTACT AREA  
GOLD FLASH ON THE OTHER AREA
- CONNECTOR TYPE.
- THE No. OF POS.: 06= 6 POS.
- BATTERY CONNECTOR REC.



NO.	DESCRIPTION	QTY.	MATERIAL	FINISH	REMARKS
3	FORK	2	COPPER ALLOY	SEE NOTES	---
2	TERMINAL	6	COPPER ALLOY	SEE NOTES	---
1	HOUSING	1	THERMOPLASTIC,LCP	---	UL94V-0,BLAC

TOLERANCE UNLESS OTHERWISE SPECIFIED:	
X	---
X.X	± 0.30
X.XX	± 0.20
X.XXX	± 0.10
ANGLE	± 3°

Singatron Enterprise Co., Ltd.			
TITLE	BATTERY CONNECTOR FEMALE, 6 PIN,2.00 PITCH		
DWN	Zhengda.li 07/09/10	PART NO. 2BABTK-06RA1B	
CHKD	SCALE 1:1	UNIT: mm	④
APVD	SIZE: A3	SHEET:1 OF 1	REV: B
<b>CUSTOMER COPY</b>			