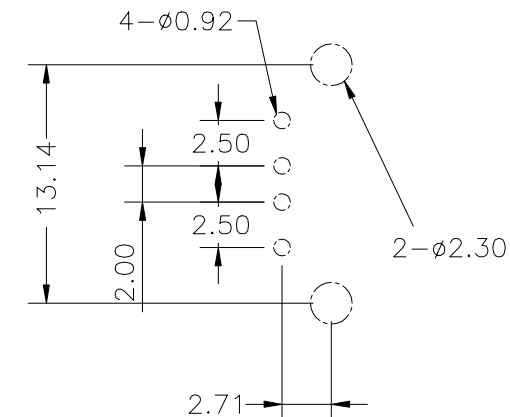
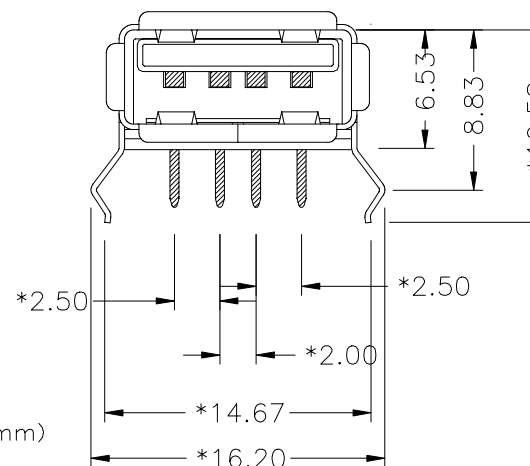
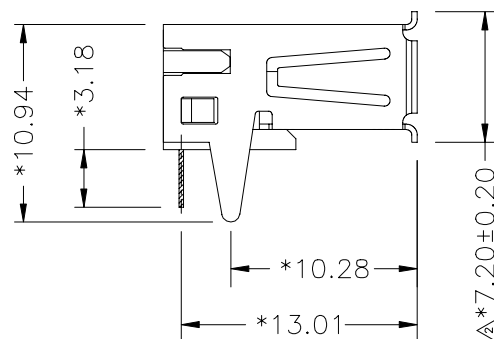
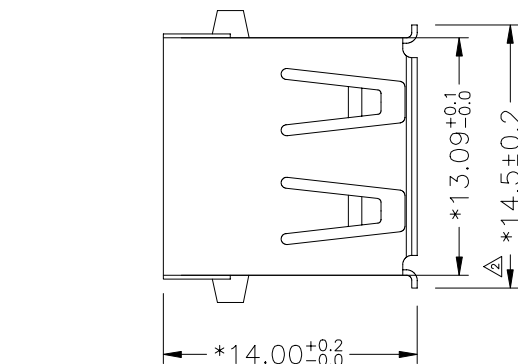


REVISION RECORD				
REV	ECO	DESCRIPTION	DRFT	CHKD
1		Drawing Modify	sammy	
2		Drawing Modify	ANKUE	
3	1	ADD P/N	TIRRY	



USB-PCB LAYOUT

NOTES:

1.MATERIAL:

TERMINAL—C5191 PHOSPHOR BRONZE HARD. (t=0.25mm)

**SHIELD-COPPER ALLOY OR PHOSPHOR BRONZE
HOUSING-NYLON+ 30% G.F.**

2.PLATING:

CONTACT—AREA—SELECTIVE PLATING. ON THE MATING END.

TAILS-PLATED TIN OVER NICKEL.**SHIELD—PLATED TIN OVER NICKEL.**

OR PLATED NI OVER Cu. .

3.TOLERANCE: $\pm 0.3\text{mm} \pm 3^\circ$.

4.GAP: 0.25mm (Max.)

5.ELECTRICAL:

VOLTAGE RATING: 30 VAC RMS.

CURRENT RATING: 1.0 AMP

CONTACT RESISTANCE: 30 MILLIOHMS MAX

INSULATION RESISTANCE: 1000 MEGOHMS MIN @500 VDC

DIELECTRIC STRENGTH: 750 VAC RMS 60 HZ, 1 MIN

OPERATING LIFE: 1500 CYCLES MIN

MATING FORCE: 3.5 KGS MAX

UNMATING FORE: 1 KGS MIN

STORAGE: -40°C TO $+85^\circ\text{C}$ OPERATION: -40°C TO $+85^\circ\text{C}$

CAPACITANCE: 2 PF MAX 1KHZ

WAVE SOLDERING TEMPERATURE: 255°C TO 265°C (5-10SECONDS)

RoHS COMPLIANT.

6.ROHS PART NUMBER: E8144-AXXX2X-L

**0-COPPER ALLOY
1-PHOSPHOR BRONZE**1-NICKEL
2-TIN1-Au3u" 2-Au6u"
3-Au15u" 4-Au30u"
5-Au50u" 7-Pd30u"2-NATURAL COLOR 3
5-BLACK COLOR

7.ROHS PART NUMBER: E8144-AX1F2X-L

**0-COPPER ALLOY
1-PHOSPHOR BRONZE**

1F-NICKEL WHITE

1-Au3u" 2-Au6u"
3-Au15u" 4-Au30u"
5-Au50u" 7-Pd30u"

MM (INCH)		DFTO ANKUE	DATE 7/22/05
TOLERANCES EXCEPT AS NOTED		CHKDSIX	DATE 2006/8/2
		MFO	DATE
		APPVL ARTHUR	DATE 2006/8/2
		MATERIAL :	
ANGLES $\pm$		QT'Y :	
		FINISH :	
THIRD ANGLE PROJECTION		SCALE :	



RoHS Compliant

FULL RISE ELECTRONIC CO., LTD

TITLE USB Series A,
4-Position Dip TypeDRAWING NO. **GE813A01-LA**

/PART NO.SEE NOTE

SIZE
A3REV
3
08/02/06

DO NOT SCALE DRAWING

SHEET 1 OF 1