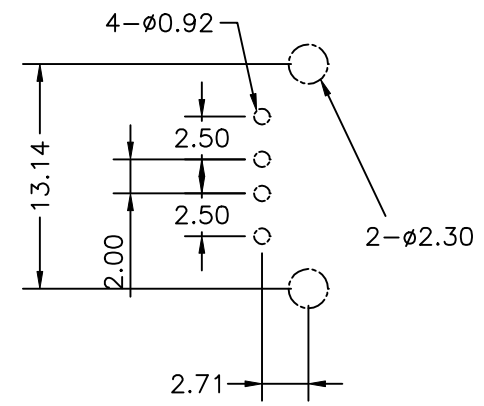
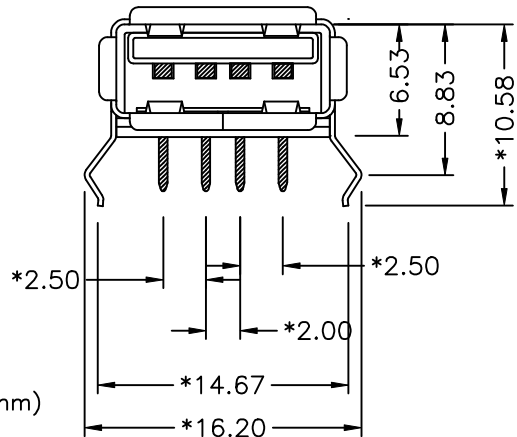
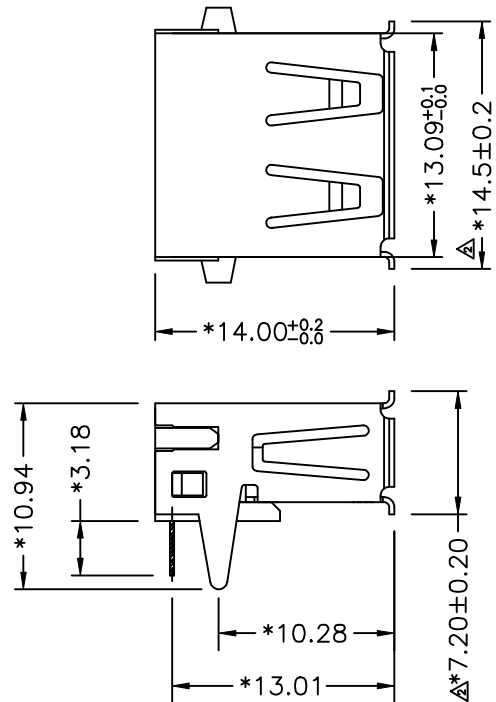


A1RFRD10

REVISION RECORD				
REV	ECO	DESCRIPTION	DRFT	CHKD
△		Drawing Modify	ANKUE 07/15/05	
△		Drawing Modify	ANKUE 12/28/05	



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. (FR52)

- 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: ±0.3mm.±3° .

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° C
- OPERATION: 0° C TO 70° C
- CAPACITANCE: 2 PF MAX 1KHZ
- WAVE SOLDERING TEMPERATURE:255° C TO 265° C(5-10SECONDS)

6.ROHS PART NUMBER: E8144-AXX52X-L

- 0-COPPER ALLOY
- 1-PHOSPHOR BRONZE
- 1-NICKEL
- 2-TIN
- 1-Au3u" 2-Au6u"
- 3-Au15u" 4-Au30u"
- 5-Au50u" 7-Pd30u"

△ 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"

<p>MM (INCH)</p> <p>TOLERANCES EXCEPT AS NOTED</p>		<p>DFTO ANKUE DATE 7/22/05</p> <p>CHKD ASHELLY DATE 2005/12/28</p> <p>MFO DATE</p> <p>APPVL LUSHENG DATE 2005/12/28</p>	<p>FULL RISE ELECTRONIC CO., LTD</p>	
<p>MM</p> <p>.0 ±0.20</p> <p>.00 ±0.15</p> <p>.000 ±0.075</p>	<p>±</p> <p>±</p> <p>±</p>	<p>MATERIAL :</p>	<p>TITLE USB Series A, 4-Position Dip Type</p>	
<p>ANGLES ±</p>	<p>QTY :</p>	<p>FINISH :</p>	<p>DRAWING NO. GE813A01-LA</p>	<p>SIZE A3</p>
<p>THIRD ANGLE PROJECTION</p>	<p>SCALE :</p>	<p>DO NOT SCALE DRAWING</p>	<p>/PART NO.SEE NOTE</p>	<p>REV 2</p>
			<p>SHEET X</p>	<p>OF Y</p>