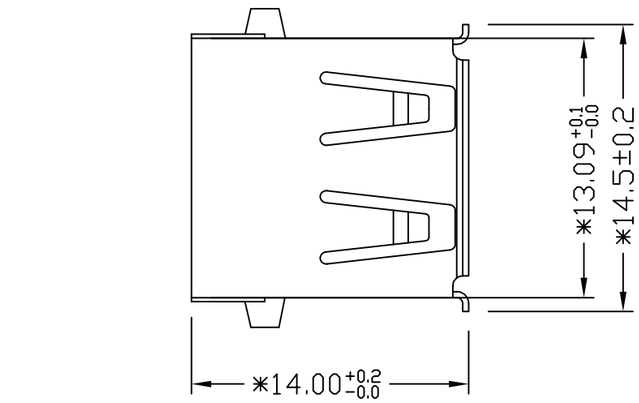
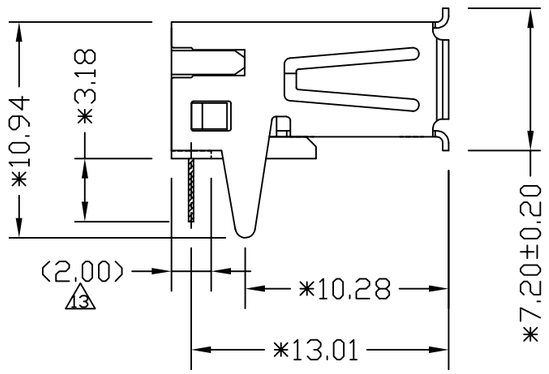
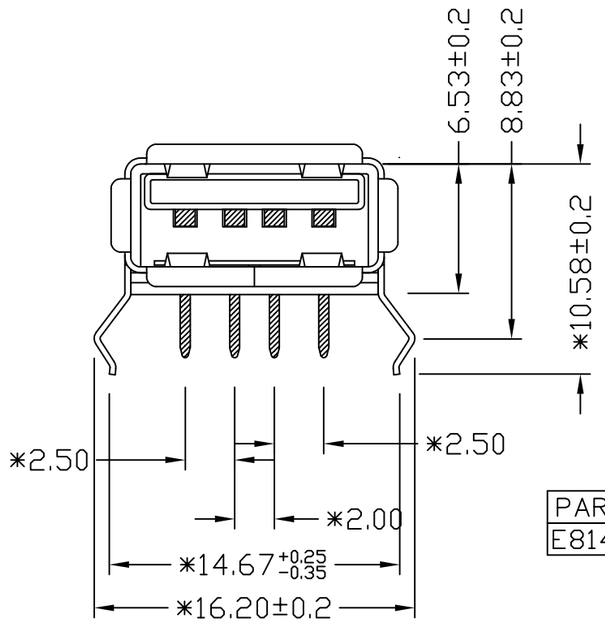
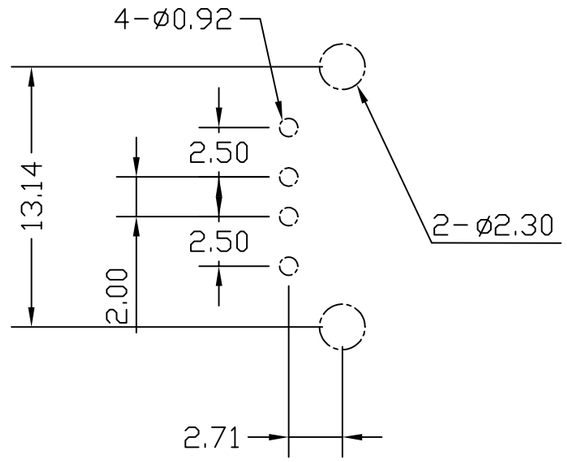
REVISION RECORD		
REV	DESCRIPTION	DRFT
13	CREATE A STAND OFF	Royzuo 09/27/13









USB-PCB LAYOUT

PART NUMBER	REV.	SHIELD MATERIAL	PLATING	DESCRIPTION	GOLD
E8144-A01321-L	B	COPPER ALLOY	NICKEL	PBT+15% WHITE	3u''

NOTES:

1.MATERIAL:
TERMINAL-C5191 PHOSPHOR BRONZE HARD. (t=0.25mm)
SHIELD-COPPER ALLOY(t=0.30mm)
HOUSING-PBT+GF30% OR NYLON+GF25% UL94V-0.
COLOR-WHITE & BLACK & BLUE.

2.PLATING:
CONTACT-AREA-SELECTIVE PLATING. ON THE MATING END.
TAILS-PLATED TIN OVER NICKEL.
SHIELD-PLATED TIN OVER NICKEL
OR PLATED NICKEL 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
DIELETRIC 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: -40°C TO +85°C
CAPACITANCE: 2 PF MAX 1KHZ
WAVE SOLDERING TEMPERTURE:230°C TO 250°C 3-5 SECCONDS.
RoHS COMPLIANT
OLD DRAWING NUMBER:GE813A01-LC

DETACHED LISTS

MM (INCH)
TOLERANCES EXCEPT AS NOTED
MM
.0 ± 0.20 ±
.00 ± 0.15 ±
.000 ± 0.075 ±
ANGLES ± 0.5°
THIRD ANGLE PROJECTION

DFTD Jerry DATE 5/10/'99
CHKD Sky DATE 11/21/08
APPVL LUSHENG DATE 11/21/08
MATERIAL :
QT'Y :
FINISH :
SCALE : 3:1

Pulse Electronics

RoHS Compliant

TITLE USB SERIES A, 4-POSITION DIP TYPE

DRAWING NO. E8144-AXXX2X-L SIZE A3 REV 13
/PART NO. E8144-AXXX2X-L
DO NOT SCALE DRAWING SHEET 1 OF 1