



Recommended PCB Layout  
Component Side

**Materials and Finish**

Shell: Copper Alloy,  
Plating- Nickel over Copper

Insulator: UL94V-0 Rated  
PCT Thermoplastic  
Color- Natural

Contacts: Phosphor Bronze  
Plating- Gold Flash  
on Contact Area,  
3.8um (150u") Tin  
on Solder Tail, all over  
1.27um (50u") Nickel

**Electrical Specifications**

Rated Voltage:  
30V AC (rms)

Contact Current Rating:  
1A Max.

Contact Resistance:  
30 milliohms Max.

Insulation Resistance:  
1000 Megohms Min.

Dielectric Withstanding:  
750V AC

Operating Temperature:  
-55°C to 85°C

**RoHS COMPLIANT**  
EU Directive 2002/95/EC

Tolerances	
X.X ± 0.25	
X.XX ± 0.15	
Unless Stated Otherwise	

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	6/27/05	New Drawing	N.Chang	C. Furumasa	N.Chang	6/27/05
B1	05/12/06	ECO #06-032	R. Aguirre	H. MA		

**KUSBX-SMT-AP**

**USB Plug, A-type, RoHS Compliant**

**SMT, with through hole support pins**

