



**Materials and Finish**  
 Shell: Copper Alloy,  
 Plating - Tin  
 Insulator: UL94V-0 Rated  
 PA6T Thermoplastic  
 Color - Black  
 Contacts: Phosphor Bronze  
 Plating - 30u" Gold  
 on Contact Area,  
 3.8um (150u") Tin  
 on Solder Tail, all over  
 1.27um (50u") Nickel  
 Durability: 5000 mating cycles

**Electrical Specifications**  
 Rated Voltage:  
 30V AC (rms)  
 Contact Current Rating:  
 1A Max.  
 Contact Resistance:  
 50 milliohms Max.  
 Insulation Resistance:  
 1000 Megohms Min.  
 Dielectric Withstanding:  
 100V AC  
 Operating Temperature:  
 -55°C to +85°C

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

**UL**  
 LR78160

**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
A2	12/08/05	ECO 05-070	R. Aguirre	H. MA		
A3	03/14/08	ECO #08-021	R. Aguirre	H. MA		
A4	09/14/09	ECO #09-070	S. Vien	H. MA		

**KMBX-SMT-5S-S-30TR**

UNITS  
 mm

USB, Mini-B Type Socket, RoHS Compliant

5-pin, SMT, meets USB 2.0 Specification

