



**Materials and Finish**

Shell: Copper Alloy  
 Plating: Nickel  
 Insulator: UL94V-0 Rated  
 PBT Thermoplastic  
 Color - Black  
 Contacts: Copper Alloy  
 Plating - 30u" Gold  
 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:  
 50 milliohms Max.  
 Insulation Resistance:  
 1000 Megohms Min.  
 Dielectric Withstanding:  
 100V AC  
 Operating Temperature:  
 -55°C to +85°C  
 Durability: 5000 mating cycles

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



REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	9/20/06	New Drawing	H. MA	C. Furumasu	H. MA	9/18/06
A1	1/15/08	Release Drawing	H. MA	N/A		
A2	03/14/08	ECO #08-021	R. Aguirre	H. MA		
A3	11/18/08	ECO# 08-089	S. Vien	H. MA	UNITS	mm
A4	01/16/13	ECO #12-063	S. Vien	P. DalCanto		
A5	05/07/13	ECO #13-019	W. Cook	P. DalCanto		

**KMBVX-TH-5S-B30**

USB, Mini-B Type Socket, RoHS Compliant

5- Pin, Vertical Mount, Through Hole

