



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
A1	1/15/08	Release Drawing	H. MA	N/A	H. MA	9/18/06
A2	03/14/08	ECO #08-021	R. Aguirre	H. MA		
A3	11/18/08	ECO# 08-089	S. Vien	H. MA		
A4	01/16/13	ECO #12-063	S. Vien	P. DalCanto	UNITS	mm
A5	05/07/13	ECO #13-019	W. Cook	P. DalCanto		
A6	07/11/18	Update Address & RoHS	C. Kelleher	C. Furumasu		

KMBVX-TH-5S-B30

USB, Mini-B Type Socket, RoHS Compliant
 5- Pin, Vertical Mount, Through Hole

