



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



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. Furumasu	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		
A5	04/26/13	ECO #13-019	W. Cook	P. DalCanto		
					UNITS	
					mm	

KMBX-SMT-5S-S-30TR

USB, Mini-B Type Socket, RoHS Compliant

5-pin, SMT, meets USB 2.0 Specification

