



**Materials and Finish**

Shell: Copper Alloy,  
Plating - Matte Tin

Insulator: UL94V-0 Rated  
PA6T Thermoplastic  
Color - Black

Contacts: Phosphor Bronze  
Plating - 30u" Gold  
on Contact Area,  
3.8um (150u") Matte 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

Mylar tape withstanding Temp  
up to 280°C



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A3	03/14/08	ECO #08-021	R. Aguirre	H. MA	R. Aguirre	08/18/06
A4	09/14/09	ECO #09-070	S. Vien	H. MA		
A5	04/26/13	ECO #13-019	W. Cook	P. DalCanto		
A6	11/05/13	ECO #13-081	D. Gih	H. MA		
A7	07/06/18	Update Address & RoHS	C. Kelleher	C. Furumasu		
A8	12/07/18	ECO #18-063	G. Serrato	D. Shehan		

**KMBX-SMT5S-S30TRMT**

USB, Mini-B Type Socket, RoHS Compliant

5-pin, SMT with Mylar Tape, USB 2.0, Tape and Reel

