



**Material and Finish**

Shell: Steel Material, Nickel Plated

Insert: PBT Thermoplastic,  
Black Color, 30%  
Glass Filled, UL 94V-0 Rated

Contact Material:  
Socket - brass

Contact Plating:  
Standard:  
gold flash over nickel on  
contact area, tin over  
nickel on soldercups  
-15 Option:  
15u" gold over nickel on  
contact area, tin over  
nickel on soldercups  
-30 Option:  
30u" gold over nickel on  
contact area, tin over  
nickel on soldercups

**Electrical Specifications**

Contact Current Rating: 2A  
Rated Voltage: 30V RMS  
Dielectric Withstanding Voltage:  
1000V (rms) AC for 1 minute  
Insulation Resistance:  
more than 1000 Megohm  
at 500V DC  
Contact Resistance:  
13 milliohm max.  
Operating Temperature  
-55°C to +105°C

**Ordering Information**

Part Number	Contact Area Plating Finish
K85X-AA-15S	Gold Flash (standard)
K85X-AA-15S-15	15u" Gold (15 option)
K85X-AA-15S-30	30u" Gold (30 option)



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	04/10/07	New Drawing	E. Canoy	H. MA	E. Canoy	04/09/2007
A2	03/18/08	ECO #07-052	S. Vien	H. MA		
A3	12/31/17	ECO #17-030	J. Elbanna	C. Furumasa		
					UNITS	
					mm	

**K85X-AA-15S**

Vertical Soldercup Mount D-Sub  
15 Pin Female, RoHS Compliant

