



**Material and Finish**

Shell: Steel, Nickel plated  
 Insulator: PBT thermoplastic with glass-fiber reinforcement, UL94V-0 rated, Color: Black  
 Contact Material: Socket - Brass  
 Contact Plating Options:  
 Standard: gold flash on mating end, tin on termination end, nickel underplate on entire contact  
 15 Option: 15u" gold on mating end, tin on termination end, nickel underplate on entire contact  
 30 Option: 30u" gold on mating end, tin on termination end, nickel underplate on entire contact

**Electrical Specifications**

Rated Current: 1.5A  
 Rated Voltage: 30Vac  
 Insulation Resistance: more than 1000 megohms at 500V DC  
 Contact Resistance: 13 milliohms max.  
 Dielectric Withstanding Voltage: 1000V for 1 minute  
 Operating Temperature: -55°C to +75°C

**Ordering Information**

Part Number	Contact Area Plating Finish
K86X-BA-44S-K	Gold Flash (standard)
K86X-BA-44S-K15	15u" Gold (15 option)
K86X-BA-44S-K30	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	1/2/08	New Drawing	WILL H.	H. MA	WILL H.	1/2/08
A2	1/16/08	ECO# 07-052	WILL H.	H. MA		
A3	9/10/14	ECO#14-026	H. MA	P. DalCanto		
A4	12/31/17	ECO# 17-033	G. Serrato	C. Furumasu		
					UNITS	
					mm	

**K86X-BA-44S-K**

D-Sub, Vertical, High Density, RoHS Compliant  
 44-Pin Socket, Solder Cup, w/ Threaded bushings

