



### Material and Finish

Shell: Steel, nickel plated  
 Insulator: PBT thermoplastic with glass-fiber reinforcement, UL94V-0 rated  
 Color: Black

Contact Material:  
 Socket - Phosphor Bronze  
 Plug- 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: 1.2A  
 Rated Voltage: 30V RMS  
 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 +105°C

Ordering Information	
Part Number	Contact Area Plating Finish
K42X-E15S/P-A4N	Gold Flash (standard)
K42X-E15S/P-A4N15	15u" Gold (15 option)
K42X-E15S/P-A4N30	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	10/10/05	New Drawing	R. Aguirre	H. Ma	R. Aguirre	10/10/05
A2	6/14/07	ECO #07-018	A. Frederick	H. MA		
A3	03/14/08	ECO #07-049	S. Vien	H. Ma		
A4	12/31/17	ECO #17-037	J. Elbanna	C. Furumasu		
A5	04/03/19	ECO #19-020	H. MA	D. Shehan		

K42X-E15S/P-A4N

15 pin HD Female/15 pin HD Male D-Sub,RoHS Compliant

0.750" Spacing with 4 Ground Brackets

