

Material And Finish

Shell: Steel Material, Nickel Plated

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

Contact Material:
Plug - Brass

Contact Plating:

- Standard:
Gold flash on mating end,
tin on termination end, with
entire contact nickel underplated
- 15 Option:
15u" gold on mating end,
tin on termination end, with
entire contact nickel underplated
- 30 Option:
30u" gold on mating end,
tin on termination end, with
entire contact nickel underplated

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

Dielectric Withstanding Voltage-
1000 VAC rms for 1 minute

Contact Resistance:
13 milliohm max.

Operating Temperature
-55°C to +105°C

Ordering Information

Part Number	Contact Area Plating Finish
K85X-BA-25P	Gold Flash (standard)
K85X-BA-25P-15	15u" Gold (15 option)
K85X-BA-25P-30	30u" Gold (30 option)



Tolerances

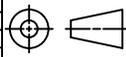
X.X ± 0.25
X.XX ± 0.15
Unless Stated
Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	4/11/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	10/12/05
A2	1/8/08	ECO #07-052	WILL H.	H. MA		
A3	12/31/17	ECO #17-030	J. Elbanna	C. Furumasu		
A4	09/22/25	ECO #25-061	K.Wang	C. Kelleher		

K85X-BA-25P

D-Sub, 25 Pin Male ,RoHS Compliant

Precision Formed Soldercups



UNITS
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