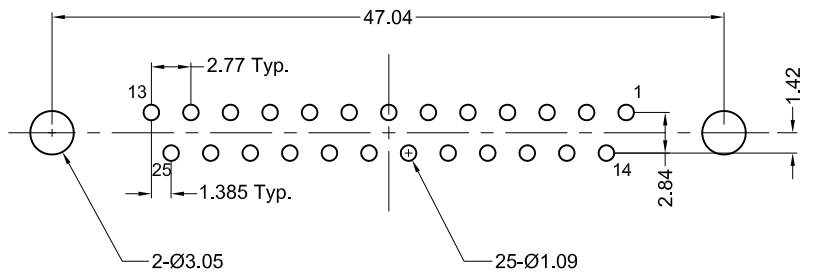


Recommended PCB Layout (top view)



Ordering Information	
Part Number	Contact Area Plating Finish
K85X-BD-25S	Gold Flash (standard)
K85X-BD-25S-15	15u" Gold (15 option)
K85X-BD-25S-30	30u" Gold (30 option)

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 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



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	06/08/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	06/08/06
A2	1/9/08	ECO #07-052	WILL H.	H. MA		
A3	12/31/17	ECO #17-030	J. Elbanna	C. Furumasu		
					UNITS	
					mm	

K85X-BD-25S

Vertical PCB Mount D-Sub

25 pos. female, RoHS Compliant

