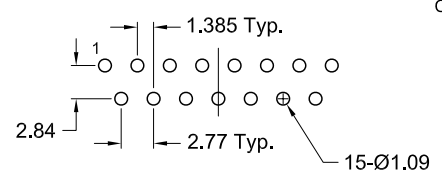KYCON, Inc. 1810 Little Orchard Street, San Jose, CA 95125 (408)494-0330

Material And Finish

Shell: Steel Material, Tin Plated

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

Contact Material:
Plug- Brass

Contact Plating:
Standard:
gold flash over nickel on
contact area, tin over
nickel on soldertails

-15 Option:
15u" gold over nickel on
contact area, tin over
nickel on soldertails

-30 Option:
30u" gold over nickel on
contact area, tin over
nickel on soldertails

Recommended PCB Layout

1.385 Typ.

2.84

2.77 Typ.

15-Ø1.09

39.14±0.38
33.32±0.25
25.25±0.25

8.36   12.55±0.25

2.84

1.385 TYP

6.1

0.60

1.385 Typ.

0.90   4.0

4.60±0.38

2.84

10.72±0.25

Electrical Specifications

Rated Current: 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-AD-15P	Gold Flash (standard)
K85X-AD-15P-15	15u" Gold (15 option)
K85X-AD-15P-30	30u" Gold (30 option)

RoHS COMPLIANT
EU Directive 2002/95/EC

C US
LR78160

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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE		
A1	3/9/06	New Drawing	R. Aguirre	H. MA	R. Aguirre	10/12/05	K85X-AD-15P	Vertical PCB Mount D-Sub
A2	1/8/08	ECO #07-052	WILL H.	H. MA		UNITS mm		15 Pin Male , RoHS Compliant

KYCON