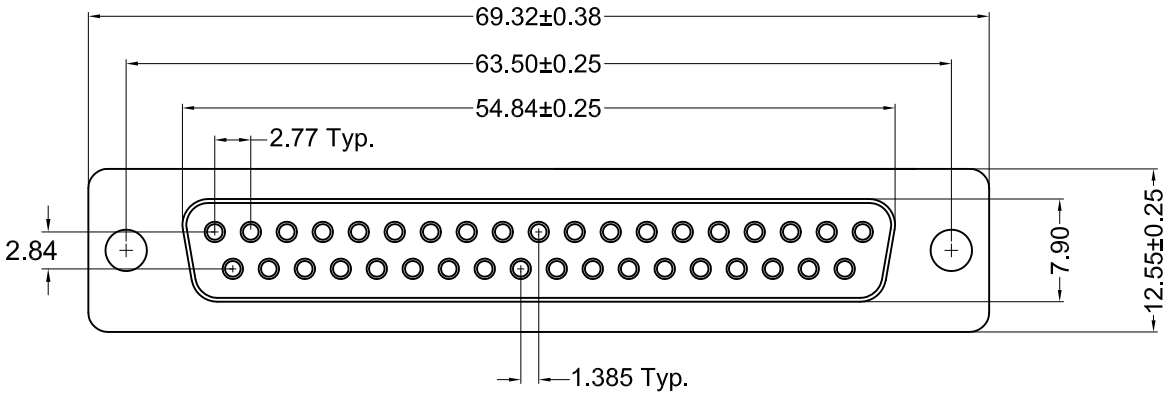
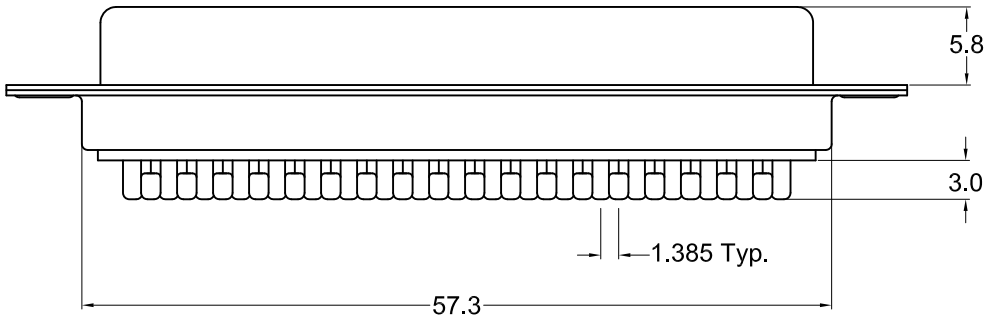
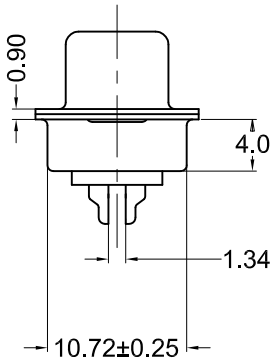
KYCON, Inc. 305 Digital Drive, Morgan Hill, CA 95037 (408)494-0330







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: 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
K85X-CA-37S	Gold Flash (standard)
K85X-CA-37S-15	15u" Gold (15 option)
K85X-CA-37S-30	30u" Gold (30 option)

RoHS COMPLIANT

C US LR78160

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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY
A1	1/17/06	New Drawing	R. Aguirre	H. MA
A2	1/09/08	ECO #07-052	WILL H.	H. MA
A3	08/10/11	ECO #11-053	S. Vien	H. MA
A4	12/31/17	ECO #17-030	G. Serrato	C. Furumasu

DRAWN BY	DATE
R. Aguirre	10/13/05
	UNITS
	mm

K85X-CA-37S

Vertical D-Sub, Solder Cup Termination ,RoHS Compliant

37 Pin Female, Precision Formed Solder Cups

KYCON