

**Material and Finish**

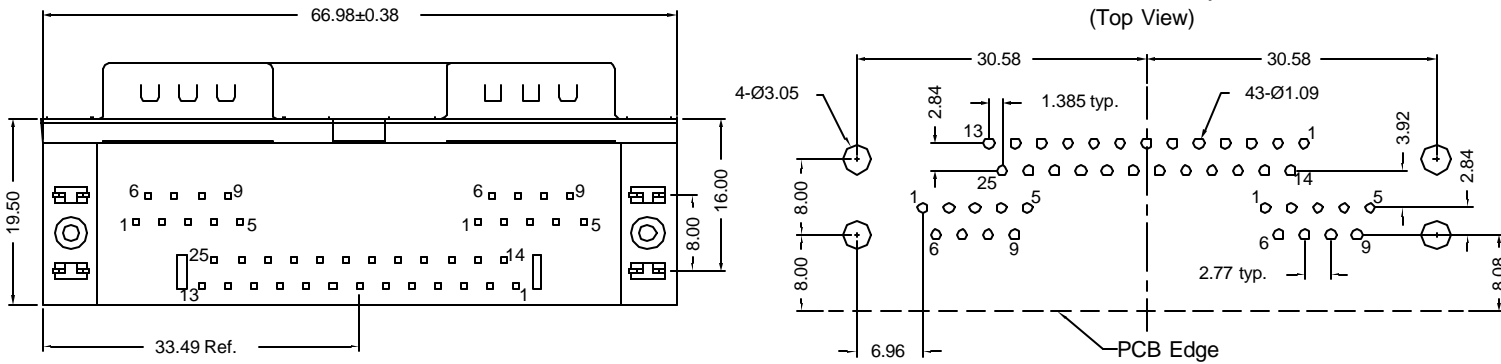
Shell: Steel, zinc plated or tin plated

Insulator & Bracket: PBT with glass-fiber reinforcement, UL94V-0 rated

Contact Material: Pin- Brass, Socket- Phosphor bronze

Contact Plating Options:  
Standard: Gold flash on mating end, Tin-Lead on termination end, Nickel underplate on entire contact  
15 Option: 0.00015" Gold on mating end, Tin-Lead on termination end, Nickel underplate on entire contact  
30 Option: 0.00030" Gold on mating end, Tin-Lead on termination end, Nickel underplate on entire contact

**Recommended PCB Layout (Top View)**



**Specifications**

Rated Current: 5A  
Rated Voltage: 300v DC  
Withstanding Voltage: 500v(r.m.s.) AC for 1 min  
Insulation Resistance: More than 1000Mohm at 500v DC  
Contact Resistance: 13mohm Max.  
Dielectric Strength: 1000v for 1 min  
Temperature: -55°C to +105°C

Part Number	Contact Area Plating Finish
K42-2599-A4Q-99	Gold Flash (standard option)
K42-2599-A4Q15-99	15u" Gold (15 option)
K42-2599-A4Q30-99	30u" Gold (30 option)

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



REVISION	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	UNITS
A0	2/28/01	New Drawing	C. Leiva		mm [in.]
A1	6/22/01	remove black color desc from material specifications	CHECKED BY	APPROVED BY	DATE
A2	1/11/02	Drawing Release			2/28/01

K42-2599-A4Qxx-99  
xx = contact plating option

PC 99 Stacked D-Sub, 0.750" Spacing, Long Boardlock  
Female 25/male 9-hole 9, extended boardlocks & subalternals

