

**Material and Finish**

Shell: Steel, zinc plated or tin plated

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

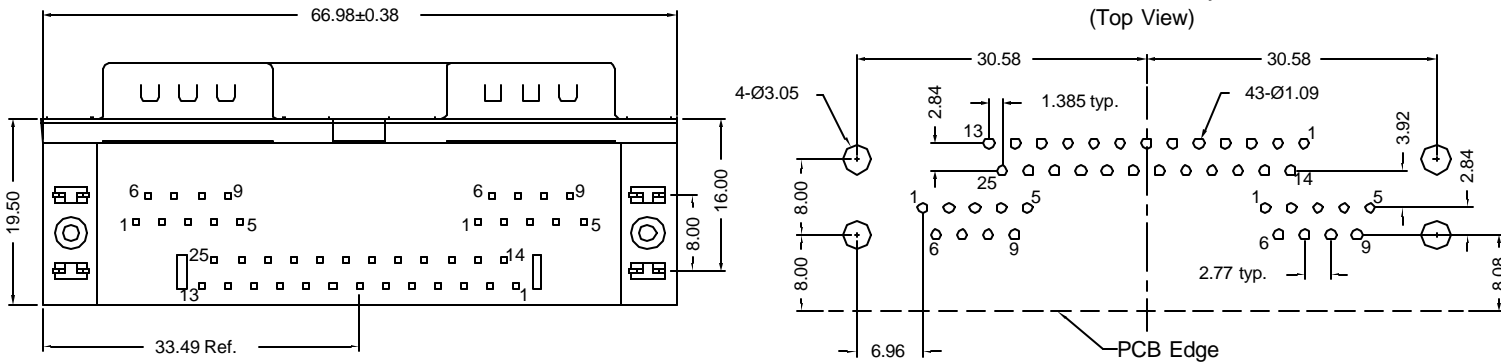
Contact Material: Pin- Brass, Socket- Phosphor bronze

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

