

# SIDE ENTRY MULTI PORT PCB JACK FCC-68



## 6820 SERIES. Right angle PCB jack. Metallic Foot print.

### General Features

- Available in 6/2, 6/4, 6/6 and 8/8 circuits
- Standard telephone jack FCC-68
- 15.40 mm. height
- Accept standard plugs FCC-68
- Full gold plating with different plating
- Metallic foot print

### Materials

- Insulator: Thermoplastic UL 94V-0
- Contact: 0.45 mm round in phosphor bronze
- Operating temperature. -25°C to + 85°C
- RoHS compliant

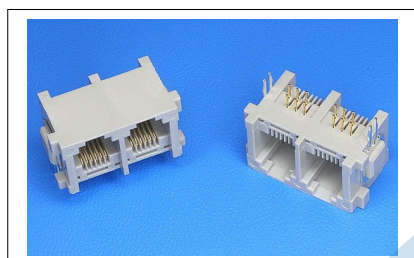
### Electrical Features

- Voltage rating: < 125V
- Current rating: < 1.50 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding voltage: 300 V AC/minute
- Insulation resistance: >1000 MΩ

### Mechanical Features

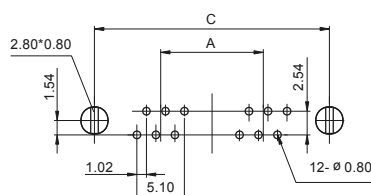
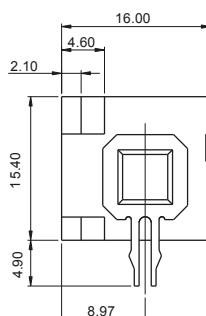
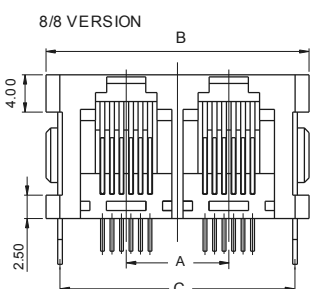
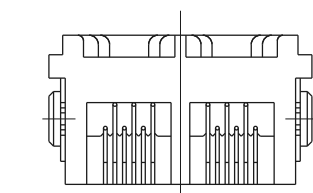
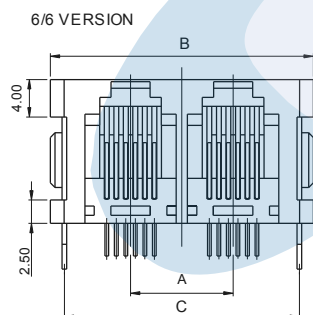
- Durability: 1000 cycles

### Dimensional Information

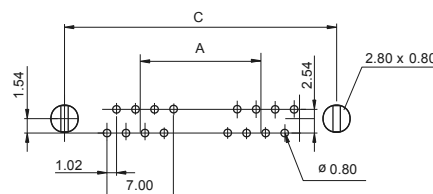


| Ports | 6/2 Version | 6/4 Version | 6/6 Version | Dimensions    |               |               |
|-------|-------------|-------------|-------------|---------------|---------------|---------------|
|       |             |             |             | A             | B             | C             |
| 2     | 6820 – T202 | 6820 – T402 | 6820 – T602 | 11.00 (0.433) | 28.20 (1.110) | 25.20 (0.992) |
| 3     | 6820 – T203 | 6820 – T403 | 6820 – T603 | 22.00 (0.866) | 39.20 (1.543) | 36.20 (1.425) |
| 4     | 6820 – T204 | 6820 – T404 | 6820 – T604 | 33.00 (1.299) | 50.20 (1.976) | 47.20 (1.860) |
| 5     | 6820 – T205 | 6820 – T405 | 6820 – T605 | 44.00 (1.732) | 61.20 (2.410) | 58.20 (2.290) |
| 6     | 6820 – T206 | 6820 – T406 | 6820 – T606 | 55.00 (2.165) | 72.20 (2.842) | 69.20 (2.724) |
| 7     | 6820 – T207 | 6820 – T407 | 6820 – T607 | 66.00 (2.598) | 83.20 (3.275) | 80.20 (3.157) |
| 8     | 6820 – T208 | 6820 – T408 | 6820 – T608 | 77.00 (3.030) | 94.20 (3.710) | 91.20 (3.590) |

| Ports | 8/8 Version | Dimensions    |               |               |
|-------|-------------|---------------|---------------|---------------|
|       |             | A             | B             | C             |
| 1     | 6820 – T801 | -             | 19.28 (0.759) | 15.80 (0.622) |
| 2     | 6820 – T802 | 13.00 (0.512) | 32.28 (1.271) | 28.80 (1.134) |
| 3     | 6820 – T803 | 54.80 (2.157) | 45.28 (1.783) | 41.80 (1.646) |
| 4     | 6820 – T804 | 39.00 (1.535) | 58.28 (2.294) | 54.80 (2.157) |



RECOMMENDED HOLE PATTERN



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### T = Plating Options

- T = 4. 10μ" gold over nickel
- T = 5. 15μ" gold over nickel
- T = 6. 30μ" gold over nickel
- T = 7. 50μ" gold over nickel