

DUAL IN LINE IC SOCKET 2.54 mm.



3000 SERIES. 2.54 DIL IC Socket.

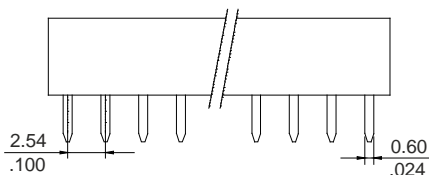
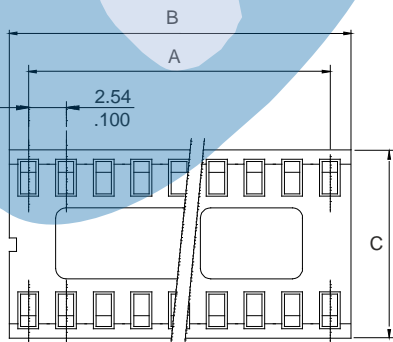
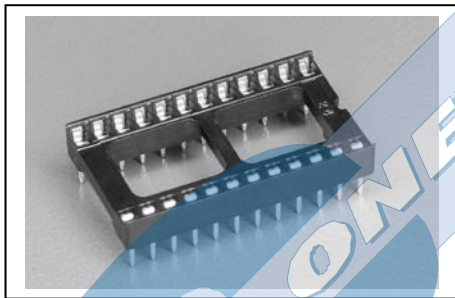
General Features

- Available in : 6, 8, 14, 16, 18, 20, 22, 24, 28, 32, 40 and 48 circuits
- Contact area: dual contact tin plating over 50 μ nickel
- Solder area: tin plating over 50 μ nickel
- Anti solder wicking
- Low profile

Materials

- Insulator: LCP UL 94 V-0
- Contact: Phosphor Bronze
- Operating temperature: -25°C to +85°C
- RoHS compliant

Dimensional Information



Electrical Features

- Voltage rating: < 250 V
- Current rating: < 1 A
- Contact resistance: < 30 mΩ
- Dielectric withstanding voltage: 1000 V AC/minute
- Insulation resistance: >1000 MΩ

Mechanical Features

- Pin retention force to insulator: 0.40 Kgf
- Single contact insertion force: 0.30 Kgf
- Single contact withdrawal force: 0.03 Kgf
- Durability: 25 cycles

Ordering Information

| Circuit Size | Part Number | Dimensions | | | |
|--------------|---------------------|---------------|---------------|---------------|---------------|
| | | A | B | C | D |
| 6 | 3000 - 2061 | 5.08 (0.200) | 7.50 (0.295) | 9.90 (0.390) | 7.62 (0.300) |
| 8 | 3000 - 2081 | 7.62 (0.300) | 10.00 (0.394) | 9.90 (0.390) | 7.62 (0.300) |
| 14 | 3000 - 2141 | 15.24 (0.600) | 17.60 (0.693) | 9.90 (0.390) | 7.62 (0.300) |
| 16 | 3000 - 2161 | 17.78 (0.700) | 20.20 (0.795) | 9.90 (0.390) | 7.62 (0.300) |
| 18 | 3000 - 2181 | 20.32 (0.800) | 22.70 (0.894) | 9.90 (0.390) | 7.62 (0.300) |
| 20 | 3000 - 2201 | 22.86 (0.900) | 25.30 (0.996) | 9.90 (0.390) | 7.62 (0.300) |
| 22 | 3000 - 2221 | 25.40 (1.100) | 27.80 (1.094) | 9.90 (0.390) | 7.62 (0.300) |
| (24*) | 3000 - 2242* | 27.94 (1.100) | 30.30 (1.193) | 17.60 (0.693) | 7.62 (0.300) |
| 24 | 3000 - 2241 | 27.94 (1.100) | 30.30 (1.193) | 17.60 (0.693) | 15.24 (0.600) |
| (28*) | 3000 - 2282* | 33.02 (1.300) | 35.40 (1.394) | 17.60 (0.693) | 7.62 (0.300) |
| 28 | 3000 - 2281 | 33.02 (1.300) | 35.40 (1.394) | 17.60 (0.693) | 15.24 (0.600) |
| 32 | 3000 - 2321 | 38.10 (1.500) | 40.50 (1.594) | 17.60 (0.693) | 15.24 (0.600) |
| 40 | 3000 - 2401 | 48.26 (1.900) | 50.70 (1.996) | 17.60 (0.693) | 15.24 (0.600) |
| 48 | 3000 - 2481 | 58.24 (2.300) | 60.80 (2.394) | 17.60 (0.693) | 15.24 (0.600) |

(*) Special option for 24 and 28 circuits: different dimension D

