

DIN 41612 IDC SOCKET B AND B/2 TYPE



2219 SERIES. IDC Female B and B/2 Type.

General Features

- Available in 32 (B/2) and 64 (B) circuits
- Mates with B and B/2 DIN 41612 male connectors
- Wires range : 28 AWG O.D máx. 0.85 mm
- Accept cable 1.27 mm pitch 9127 Series
- Dual beam contact

Materials

- Insulator: PBT+Glass reinforced UL 94 V-0
- Contact: Phosphor bronze
- Operating temperature. -40°C to + 85°C
- RoHS compliant

Dimension information

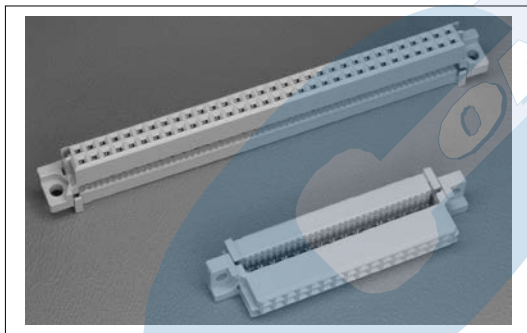
Electrical Features

- Voltage rating: < 250 V
- Current rating: < 1A
- Contact resistance: < 30 mΩ
- Dielectric Withstanding Voltage: 500 V AC/minute
- Insulation Resistance: >1000 MΩ

Mechanical Features

- Single contact insertion force: < 0.30 Kgf
- Single contact insertion force: >0.04 Kgf
- Durability: 50 cycles min.

| Circuit Size | Type | Configuration | Part Number | | Dimensions | | | |
|--------------|------|---------------|-------------|---------------|---------------|---------------|---------------|---------------|
| | | | | | A | B | C | D |
| 32 | B/2 | a + b | 2219 -T321 | Pin nº 1 (1a) | 55.00 (2.165) | 38.10 (1.500) | 50.00 (1.968) | 44.40 (1.748) |
| 32 | B/2 | a + b | 2219 -T322 | Pin nº 1 (1b) | 55.00 (2.165) | 38.10 (1.500) | 50.00 (1.968) | 44.40 (1.748) |
| 64 | B | a + b | 2219 -T642 | Pin nº 1 (1b) | 95.00 (3.740) | 78.74 (3.100) | 90.00 (3.543) | 85.00 (3.346) |



T = Contact Plating

- T = 2. Tin plated
- T = 3. Gold flash over 50μ" nickel.
- T = 5. 15μ" gold over 50μ" nickel
- T = 6. 30μ" gold over 50μ" nickel

Circuits Arrangement

