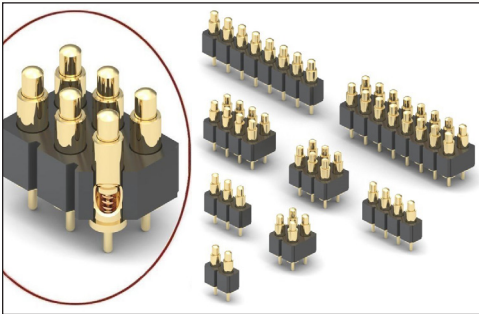


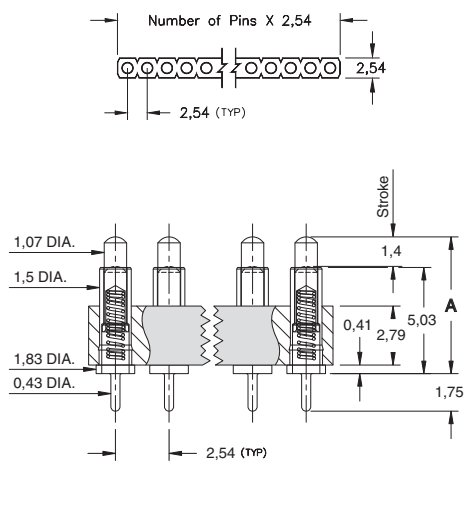
SPRING-LOADED CONNECTORS

SERIES 816 & 818 • 2,54 GRID THROUGH-HOLE MOUNT, MID PROFILE • SINGLE AND DOUBLE ROW STRIPS



- Modular contacts for use on 2,54 grid, available in ten heights from 6,48 to 10,92, supplied in single and double row contact strips
- Precision-machined piston / base and gold-plated components assure a 1,000,000 cycle life durability
- Pistons have a 0,7 mid stroke & 1,4 max. stroke
- Low resistance, high current contacts are rated at 2 amps continuous, 3 amps peak
- High temperature thermoplastic insulators are suitable for surface mount processes
- Both 816 & 818 series contact strips are designed for manual placement into $\varnothing 0,58 \pm 0,08$ plated through-holes in the circuit board prior to intrusive reflow soldering

SINGLE ROW Series 816...00X101



ORDERING INFORMATION

Single Row Series 816...00X101

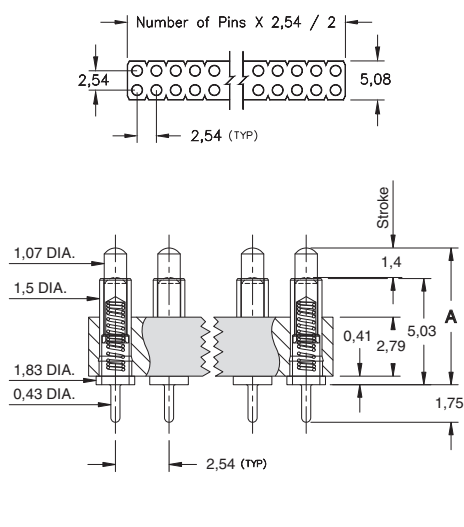
816-22-0XX-10-00X101
 Specify number of contacts 02-64 Specify contact style 0-9

Double Row Series 818...00X101

818-22-0XX-10-00X101
 Specify number of contacts 04-72 Specify contact style 0-9

| CONTACT STYLE | INITIAL HEIGHT A | CONTACT STYLE | INITIAL HEIGHT A |
|---------------|------------------|---------------|------------------|
| 0 | 6,48 | 5 | 8,89 |
| 1 | 6,99 | 6 | 9,4 |
| 2 | 7,49 | 7 | 9,91 |
| 3 | 8,0 | 8 | 10,41 |
| 4 | 8,51 | 9 | 10,92 |

DOUBLE ROW Series 818...00X101



Technical Specifications

Materials:

Contact piston & base: Machined copper alloy plated 0,51 μm , gold over 2,54 μm nickel
 Spring: Beryllium copper-plated 0,25 μm gold
 Insulator: High temperature thermoplastic, rated UL94 V-0

Mechanical:

Spring force @ initial height (A): 25 grams
 Spring force @ mid stroke (0,7): 60 grams
 Durability: 1,000,000 cycles

Electrical:

Voltage rating: 100Vrms/150Vdc
 Current rating: 2A (continuous), 3A (peak) per contact
 Contact resistance: 20m Ω max.
 Insulation resistance: 10,000M Ω min.
 Dielectric strength: 700Vrms min.
 Capacitance: 1pF max.

RoHS-2
2011/65/EU



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Mill-Max:

[816-22-064-10-001101](#) [816-22-064-10-002101](#) [816-22-064-10-003101](#) [816-22-064-10-004101](#) [816-22-064-10-005101](#) [816-22-064-10-006101](#) [816-22-064-10-007101](#) [816-22-064-10-009101](#) [818-22-072-10-000101](#) [818-22-072-10-001101](#) [818-22-072-10-003101](#) [818-22-072-10-004101](#) [818-22-072-10-005101](#) [818-22-072-10-006101](#) [818-22-072-10-007101](#) [818-22-072-10-008101](#) [818-22-072-10-009101](#) [816-22-005-10-007101](#) [816-22-005-10-003101](#) [818-22-012-10-003101](#) [818-22-010-10-003101](#) [816-22-012-10-002101](#) [818-22-014-10-001101](#) [816-22-007-10-009101](#) [816-22-008-10-006101](#) [816-22-026-10-001101](#) [816-22-023-10-004101](#) [816-22-036-10-006101](#) [816-22-054-10-005101](#) [816-22-063-10-006101](#) [816-22-056-10-009101](#) [816-22-056-10-002101](#) [816-22-013-10-005101](#) [816-22-052-10-009101](#) [816-22-034-10-008101](#) [816-22-045-10-001101](#) [816-22-034-10-006101](#) [816-22-031-10-001101](#) [816-22-029-10-002101](#) [816-22-050-10-005101](#) [816-22-027-10-007101](#) [816-22-015-10-005101](#) [816-22-041-10-005101](#) [816-22-050-10-009101](#) [816-22-048-10-008101](#) [816-22-020-10-008101](#) [816-22-053-10-000101](#) [816-22-051-10-000101](#) [816-22-027-10-003101](#) [816-22-038-10-000101](#) [816-22-029-10-004101](#) [816-22-010-10-009101](#) [816-22-028-10-003101](#) [816-22-046-10-009101](#) [816-22-037-10-004101](#) [816-22-018-10-003101](#) [816-22-008-10-003101](#) [816-22-052-10-000101](#) [816-22-003-10-006101](#) [816-22-042-10-003101](#) [816-22-053-10-005101](#) [816-22-010-10-000101](#) [816-22-063-10-004101](#) [816-22-043-10-007101](#) [816-22-025-10-005101](#) [816-22-057-10-000101](#) [816-22-054-10-004101](#) [816-22-009-10-005101](#) [816-22-026-10-002101](#) [816-22-029-10-008101](#) [816-22-019-10-001101](#) [816-22-042-10-002101](#) [816-22-058-10-005101](#) [816-22-049-10-003101](#) [816-22-030-10-003101](#) [816-22-024-10-002101](#) [816-22-031-10-008101](#) [816-22-003-10-005101](#) [816-22-024-10-004101](#) [816-22-040-10-007101](#) [816-22-035-10-005101](#) [816-22-032-10-008101](#) [816-22-013-10-006101](#) [816-22-044-10-002101](#) [816-22-016-10-005101](#) [816-22-021-10-002101](#) [816-22-042-10-008101](#) [816-22-019-10-003101](#) [816-22-018-10-004101](#) [816-22-036-10-003101](#) [816-22-017-10-008101](#) [816-22-008-10-009101](#) [816-22-041-10-009101](#) [816-22-006-10-005101](#) [816-22-021-10-000101](#) [816-22-031-10-000101](#) [816-22-056-10-000101](#) [816-22-026-10-000101](#) [816-22-013-10-009101](#) [816-22-008-10-008101](#)