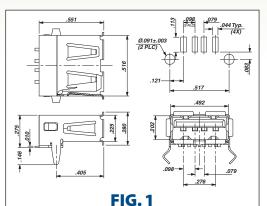
O SOCKE

SERIES 896, 897 • UNIVERSAL SERIAL BUS • SOCKETS



- USB receptacles for through-hole and surface mount
- Plug retention tabs
- Kinked locating legs for secure PCB retention
- Fully shielded
- Fully compatible with USB 1.0 and 2.0 specifications
- Passes 16MHz signal attentuation per ASTM-D-4566
- Packaged in trays, 150 pieces per tray



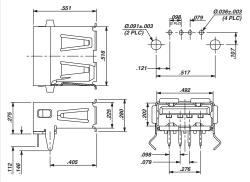


FIG. 2

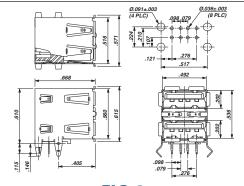
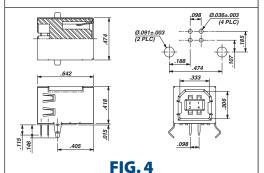


FIG. 3



ORDERING INFORMATION

FIG. 1	Type A Receptacle, Single, Surface Mount
	896-43-004-00-000000
FIG. 2	Type A Receptacle, Single, Through-Hole
	896-43-004-90-000000
FIG. 3	Type A Receptacle, Double, Through-Hole
	896-43-008-90-000000
FIG. 4	Type B Receptacle, Single, Through-Hole
	897-43-004-90-000000

Technical Specifications

Materials:

Terminals: Copper Alloy, Tin-Plated Casing and Shield: Stainless Steel

Insulator material: High temperature thermoplastic rated UL94V-0

Ratings:

Voltage: 30VAC (rms)

Current: 1A max. per contact for 30°C temperature rise

All housing materials rated for "lead-free" soldering up to 260° C

Electrical:

Contact resistance: $30m\Omega$ max. Insulation resistance: $1000M\Omega$ min.

Dielectric withstanding voltage: 750VAC at sea level

Capacitance: 2pF max.

Mechanical:

Random vibration: No discontinuity >1 µs per EIA 364-28, cond. V, letter A Physical shock: No discontinuity >1 µs per EIA 364-27, condition H Durability: 1500 cycles min. per EIA 364-09

Mating force: 35 Newtons max. per EIA 364-13 Unmating force: 10 Newtons min. per EIA 364-13

Environmental:

Thermal shock per EIA 364-32, condition I Humidity per EIA 364-31, method II, condition A Temperature life per EIA 364-17, condition 3, method A



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