

SERIES 896, 897 • MINI UNIVERSAL SERIAL BUS • SURFACE MOUNT SOCKETS

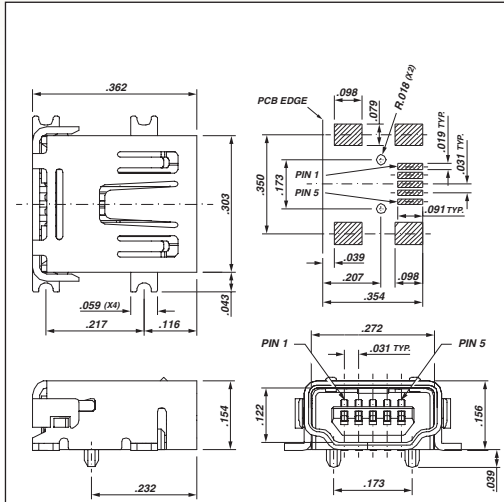


FIG. 1

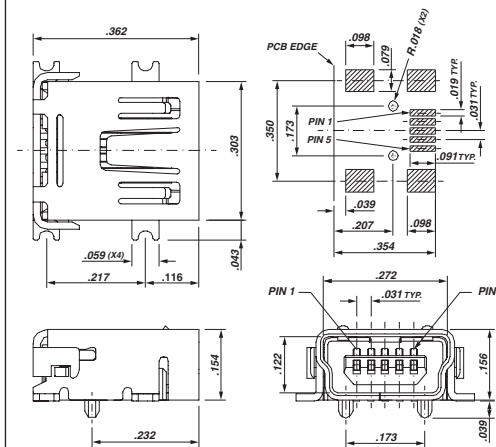


FIG. 2

- Mini USB receptacles for surface mount
- 5 Pin (one ID Pin), 0.8mm pitch, mini USB connector
- Reduced mounting space
- Fully Shielded
- Fully compliant with current USB 2.0 specifications
- Smaller and lighter than standard USB connectors for portable & handheld devices
- Packaged on Tape and Reel:
896-43-005-00-100001 - 800 pieces per reel
897-43-005-00-100001 - 700 pieces per reel



ORDERING INFORMATION

FIG. 1	Mini Type A Receptacle, Single, Surface Mount
	896-43-005-00-100001
FIG. 2	Mini Type B Receptacle, Single, Surface Mount
	897-43-005-00-100001

Technical Specifications

Materials:

Terminals: Copper Alloy, Tin Plated
Contacts: Copper Alloy, 30 μ " Gold 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: 50m Ω max.
Insulation resistance: 100M Ω min.
Dielectric withstanding voltage: 100VAC at sea level
Capacitance: 2pF max.

Mechanical:

Random vibration: No discontinuity >1 μ s per EIA 364-28, cond. V, letter A
Physical shock: No discontinuity >1 μ s per EIA 364-27, condition H
Durability: 5000 cycles min. per EIA 364-09
Mating force: 35 Newtons max. per EIA 364-13
Unmating force: Initial - 7 Newtons min. per EIA 364-13
After test - 3 Newtons min. per EIA 364-13
Cable pull-out force per EIA 364-38

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
Solderability per EIA 364-52, category 2

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