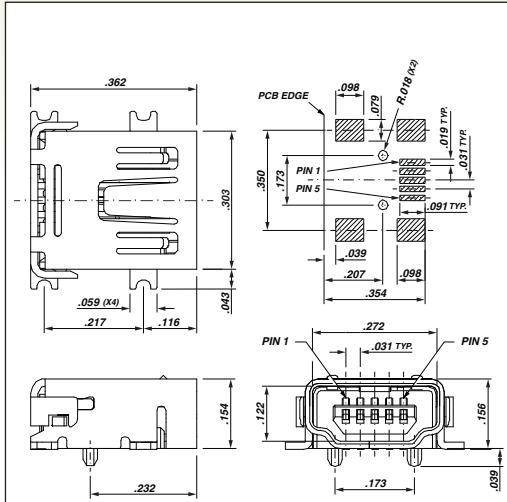
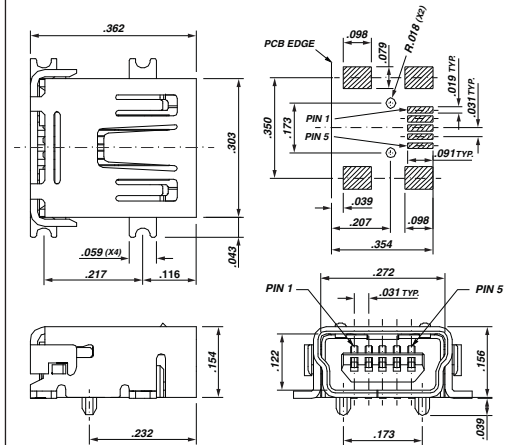


## SERIES 896, 897 • MINI UNIVERSAL SERIAL BUS • SURFACE MOUNT SOCKETS



**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 & Reel - 700 pieces per reel



### ORDERING INFORMATION

<b>FIG. 1</b>	<b>Mini Type A Receptacle, Single, Surface Mount</b>
	896-43-005-00-100001
<b>FIG. 2</b>	<b>Mini Type B Receptacle, Single, Surface Mount</b>
	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: 50mΩ max.  
 Insulation resistance: 100MΩ min.  
 Dielectric withstanding voltage: 100VAC at sea level  
 Capacitance: 2pF max.

#### Mechanical:

Random vibration: No discontinuity >1μs per EIA 364-28, cond. V, letter A  
 Physical shock: No discontinuity >1μs 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