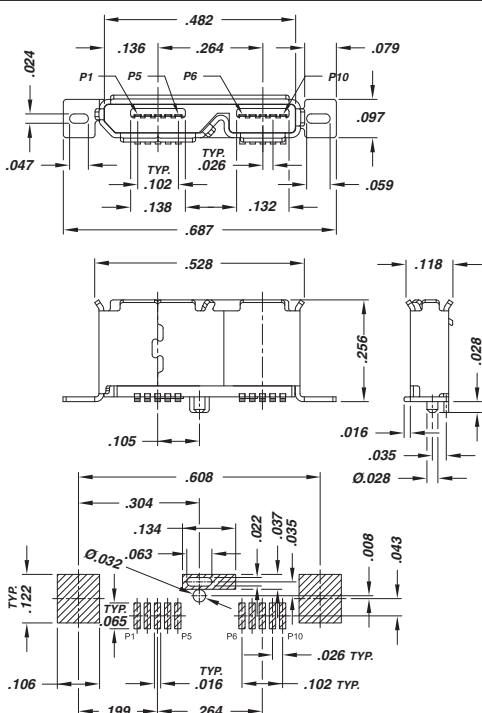
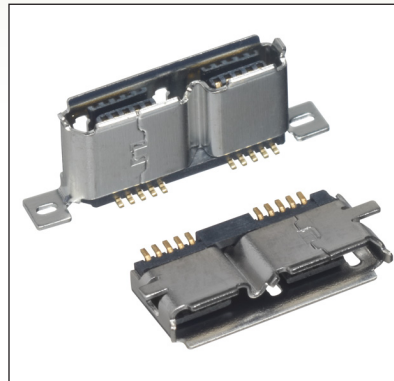


**SERIES 897 • UNIVERSAL SERIAL BUS 3.0 MICRO-B • SURFACE MOUNT SOCKETS**



**FIG. 1**

- USB 3.0 Micro-B receptacles for surface mount
- Reduced mounting space
- Fully shielded
- Fully backwards compatible with USB 2.0
- 10X faster than USB 2.0 and provides optimized power efficiency
- Smaller and lighter than existing USB connectors, for portable & handheld devices
- Packaged on Tape and Reel:  
897-10-010-00-300002 - 900 pieces per reel  
897-10-010-40-300002 - 1,500 pieces per reel



## ORDERING INFORMATION

|               |                                                                |
|---------------|----------------------------------------------------------------|
| <b>FIG. 1</b> | <b>Micro Type B Receptacle, Single, Vertical Surface Mount</b> |
|               | 897-10-010-00-300002                                           |
| <b>FIG. 2</b> | <b>Micro Type B Receptacle, Single, Surface Mount</b>          |
|               | 897-10-010-40-300002                                           |

## Technical Specifications

### Materials:

Terminals: Copper Alloy, Gold Flash over Ni  
Contacts: Copper Alloy, 15  $\mu$ " Gold-Plated over Ni  
Shell material: Stainless Steel, Nickel-Plated  
Insulator material: High temperature LCP thermoplastic rated UL94V-0



### Ratings:

Voltage: 30VAC (rms)  
Current: 1.5A (Pin 1 and 5), .25A (other pins)  
All housing materials rated for "lead-free" soldering up to 260° C

**Electrical:**

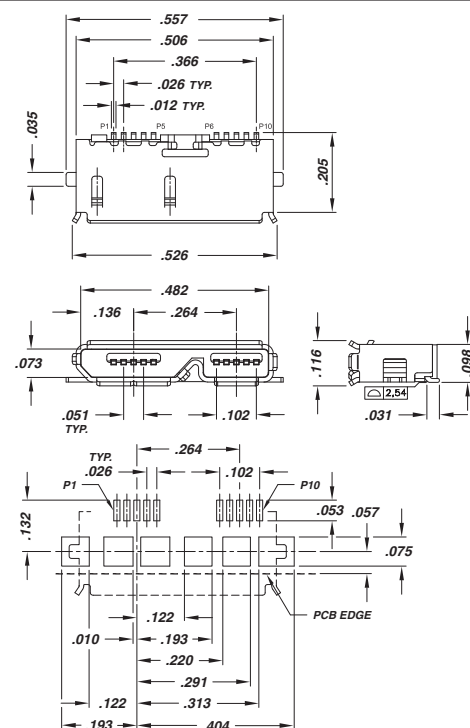
Contact resistance: 30mΩ max. (Pin 1 and 5)  
50mΩ max. (other pins)  
Insulation resistance: 100MΩ min.  
Dielectric withstanding voltage: 100VAC for 1 minute at sea level

### Mechanical:

Random vibration: No discontinuity >1μs per EIA 364-28, cond. V, letter A  
Durability: 10,000 cycles max. per EIA 364-09  
Mating force: 35 Newtons max. per EIA 364-13  
Unmating force: Initial - 10 Newtons min. per EIA 364-13  
After test - 8 Newtons min. per EIA 364-13

**Environmental:**

Operating Temperature Range: -40°C to +85°C  
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 (260°C for 3 seconds)



**FIG. 2**

# AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit [www.ameya360.com](http://www.ameya360.com)

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd  
Minhang District, Shanghai , China

➤ Sales :

Direct      +86 (21) 6401-6692  
  
Email        amall@ameya360.com  
  
QQ          800077892  
  
Skype        ameyasales1 ameyasales2

➤ Customer Service :

Email        service@ameya360.com

➤ Partnership :

Tel          +86 (21) 64016692-8333  
  
Email        mkt@ameya360.com