

# USB 2.0 CONNECTOR

## USB A-TYPE 4 PIN FEMALE SMT TYPE

### 1. Material:

Contacts: Phosphor Bronze  
Insulator: PBT+30% G.F. UL 94V-0  
Shell: Brass

### 2. Environmental:

Temperature: Range -55°C~+85°C

### 3. Mechanical:

Mating: 35N max.  
Withdrawal Force: 10N min.  
Durability: 1500 cycles min.

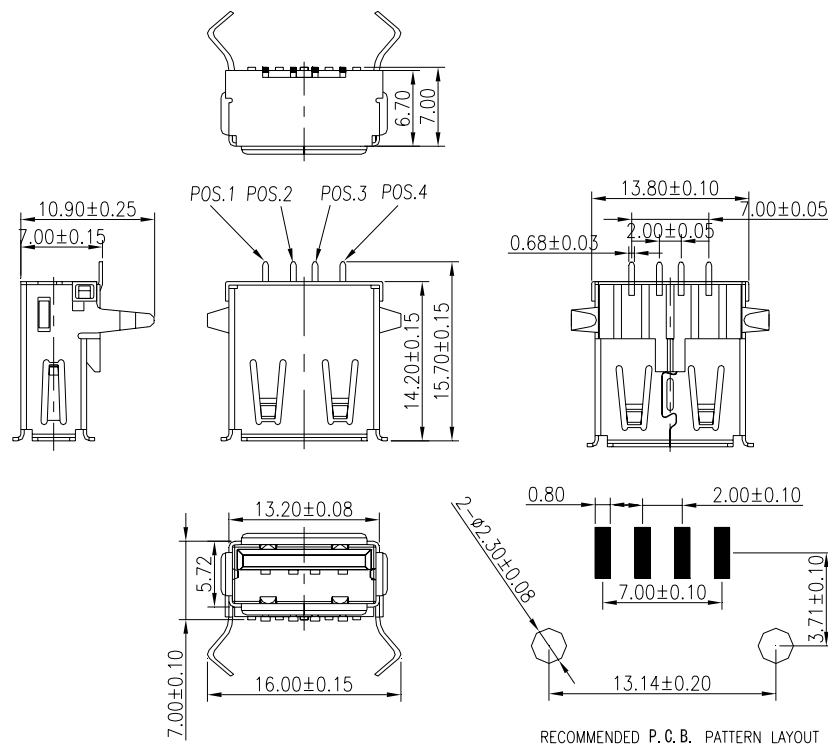
### 4. Electrical:

Current-max [amps]: 1.5A  
Voltage-max [volts]: 30V  
Withstanding Voltage: 500V AC  
Contact Resistance [ohms]: 30 milliohms max  
Insulation Resistance [ohms]: 1000 Megohms min

### 5. Plating:

Contacts: 30u" Gold and Tin Over Nickel Plated  
Shell: Nickel over all plating

### 6. Product Drawing:



### 7. Ordering Information:

Part Number:  $\frac{A02F}{1} \frac{8}{2} \frac{E}{3} \frac{L}{4} \frac{04}{5} \frac{0}{6} \frac{15}{7}$

Note: 1. A02F: USB A type female series

2. 8: white insulation (may choose other color of insulation)

3. E: gold plated 30u" min. contacts

4. L: nickel plated shell (may choose other plated of shell)

5. 04: pin No.

6. 0: SMT type

7. 15: serial No. (It's used to distinguish similar product, from 00 to 99)