

# USB 3.0 Micro AB TYPE RECEPTACLE AND CABLE SERIES

## FEATURES

- Combines USB2.0 bus and new USB 3.0 Specification Compliance Data transmission SS(SuperSpeed) bus with transfer rate up to 5.0Gbps.
- USB 3.0 accommodates backward compatibility for connecting USB 2.0 device into a USB3.0 bus.
- Input current is increased to 900mA to save more time while charging.
- Accepts either a USB 3.0 Micro-B plug or a USB 3.0 Micro-A plug for connection.
- 10pin (One ID pin) type is also 0.65mm pitch.
- 10Pin type is full compliant with current Micro USB 3.0 specifications.
- Receptacle and plug housings are UL 94V-0 grade fire retardant.
- Gold plated contact ensures low contact resistance.
- EMI protection by shielding features.
- Ideal for connecting portable PCs, Notebook, and slim peripheral equipment (digital cameras, small mouse, PDA, MP3, Hub etc.).

## ■ SPECIFICATIONS

### 1. ELECTRICAL

- Voltage rating : 20mVAC(rms)
- Current rating : 1000mA
- Contact resistance : 30mΩ Max.
- Insulation resistance : 100MΩ Min.
- Dielectric strength : 100VAC Min.
- Ambient operating temperature:-55°C to +85°C

### 2.MECHANICAL

- Durability : 10000 cycles (for 10 pin )
- Mating force : 35N Max.
- Unmating force : 8N Min.

## ■ MATERIALS

### 1. MATERIAL

- Contacts : Copper Alloy
- Shell : Stainless steel Alloy
- Plug Housing :Thermoplastic High-Temp

### 2. PLATING

- Nickel In All Area
- Contact Area : Au over Nickel (for 10 pin )
- Solder Area : Tin(Sn) over Nickel
- Shell : Tin(Sn) over Nickel

## ■ PACKING

### 1. Packing method

1-1. All cable are packed into ploy bags and then packed into boxes.

1-2. All connector are packed using tape & reel methods.

(10Pin component load per13” reel: AB&B type:1200 PCs )