



## UNIVERSAL SERIAL BUS CONNECTORS USB 3.0 MICRO AB TYPE ESB22712 SERIES

勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-34970699  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

### ■ 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.

#### 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

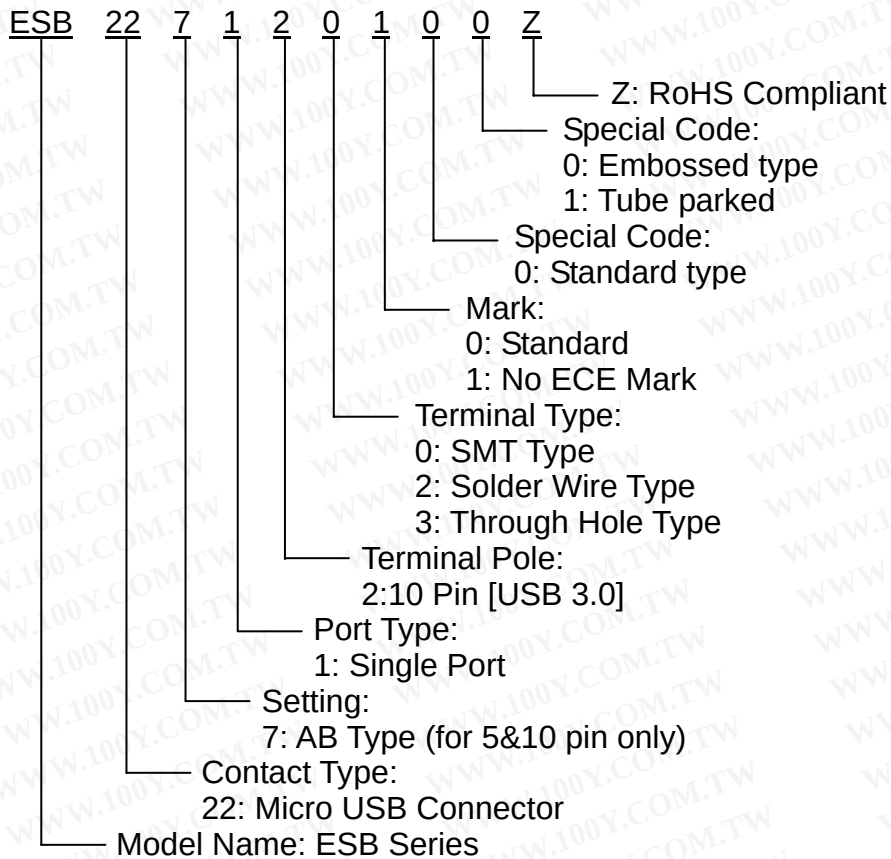
#### 1.Packing method

- 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)

#### 2.Information on label (stuck to each ploy bag, reel and box)

- (1)Part NO.
- (2)Description
- (3)Lot NO.
- (4)Quantity
- (5)Tester NO.
- (6)Reprocess NO.
- (7)QC stamp
- (8)Date
- (9)ECE mark
- (10)Manufacturers name

## ■ PART NUMBERING SYSTEM

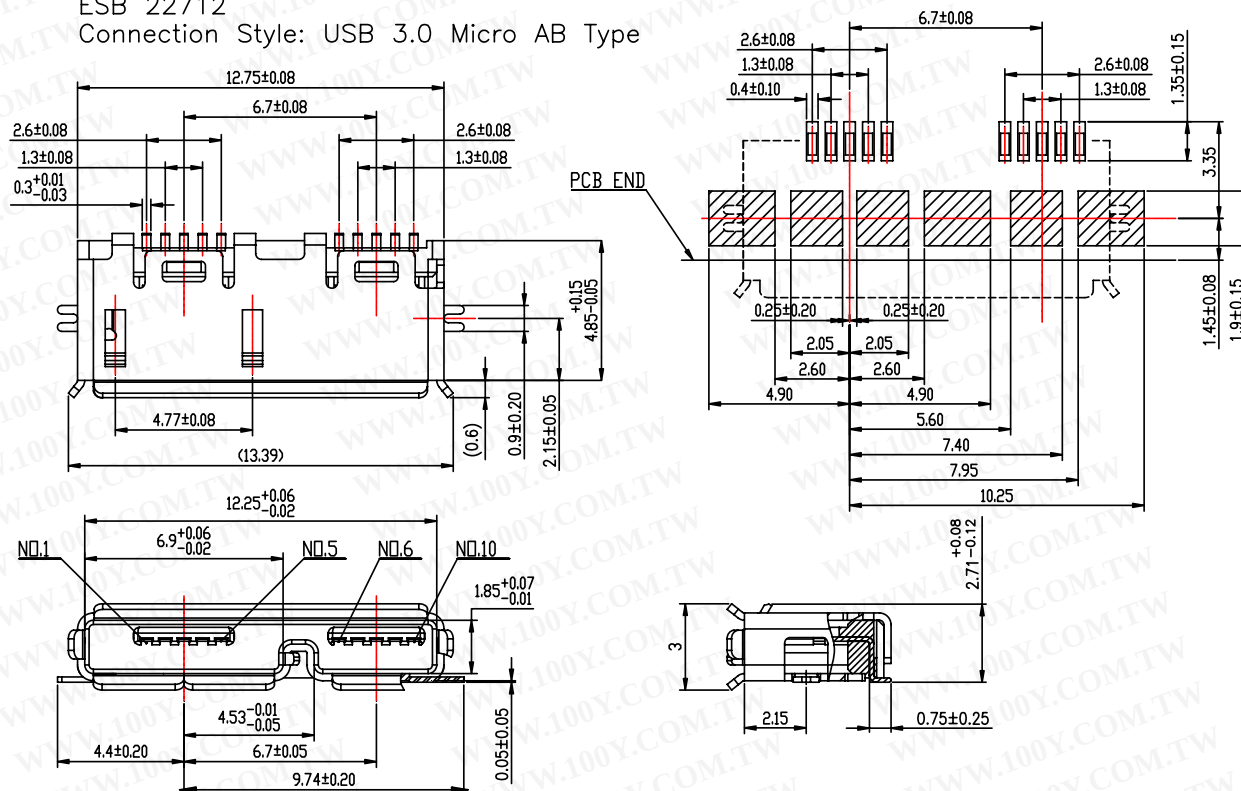


**ESB22712**



## ■ DIMENSIONS UNIT:mm

ESB 22712  
Connection Style: USB 3.0 Micro AB Type



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