UNIVERSAL SERIAL BUS CONNECTORS
USB 3.0 MICRO AB TYPE
ESB22712 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.

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

ESB 22 7 1 2 0 1 0 0 Z

- Z: RoHS Compliant
- Special Code:
  0: Embossed type
  1: Tube parked
- Special Code:
  0: Standard type
- Mark:
  0: Standard
  1: No ECE Mark
- Terminal Type:
  0: SMT Type
  2: Solder Wire Type
  3: Through Hole Type
- Terminal Pole:
  2:10 Pin [USB 3.0]
- Port Type:
  1: Single Port
- Setting:
  7: AB Type (for 5&10 pin only)
- Contact Type:
  22: Micro USB Connector
- Model Name: ESB Series

ESB22712



■ DIMENSIONS UNIT:mm

