

MICRO USB CONNECTOR

ESB 22A SERIES (CONNECTOR AND CABLE)

FEATURES

- 0.65mm contact spacing.
- USB 2.0 Specification Compliance Data Rates Beyond USB 2.0 (480Mb/s -->).
- On-The-Go Device shall conform to the OTG requirements as set forth in the On-The-Go Supplement to the USB 2.0 Specification.
- The Micro-USB specification defines the following additional connectors: Micro-B plug and receptacle, Micro-AB receptacle, Micro-A plug.
- The Micro-AB receptacle is only allowed on OTG products. All other uses of the Micro-AB receptacle are prohibited. The Micro-AB receptacle accepts either a Micro-A plug or a Micro-B plug.
- Receptacle and plug housings are UL 94V-0 grade fire retardant.
- Applications: Mobile Phones, Portable devices, MP3 players, Portable digital video players, Digital still cameras, Digital video cameras.

SPECIFICATIONS

1.ELECTRICAL

- Voltage rating: 20mVAC
- Current rating: 1.8A
- Contact resistance: 30mΩ Max.
- Insulation resistance: 100MΩ Min.
- Dielectric strength: 100VAC Min.

2.MECHANICAL

- Durability: 10000 cycles
- Mating force: 35N Max.
- Unmating force: 8N Min.

MATERIALS

1.MATERIAL

- Contacts: Copper Alloy
- Shell: Stainless Steel
- Housing: Thermoplastic high-Temp
- Latch: Stainless Steel

2.PLATING

- Nickel In All Area
- Contact: Au over Nickel
- Shell: Nickel In All Area

PACKING

1.Packing method

- All cable are packed into ploy bags and then packed into boxes.
- All connector are packed using tape & reel or Tube parked methods.

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

<u>ESB</u>	<u>22</u>	<u>7</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>Z</u>	
										+--- Z:RoHS Compliant
										+--- Special Code:
										0:Tape & reel type
										1:Tube packed type
										2:Packed into ploy bags
										+--- Modify Code:
										0:Standard type
										+--- Mark Code:
										0:Standard
										1:No ECE Mark
										+--- Terminal Type:
										0:SMT Type
										2:Solder Wire Type
										3:Through Hole Type
										+--- Terminal Pole No.:
										1:5 Pole[USB 2.0]
										+--- Port Type:
										1:Single Port
										+--- Setting:
										Socket: 7:AB Type
										8:B Type
										Plug: A:A Type
										B:B Type
										+--- Contact Type: 22:Micro USB Connectors
										+--- Model Name: ESB Series

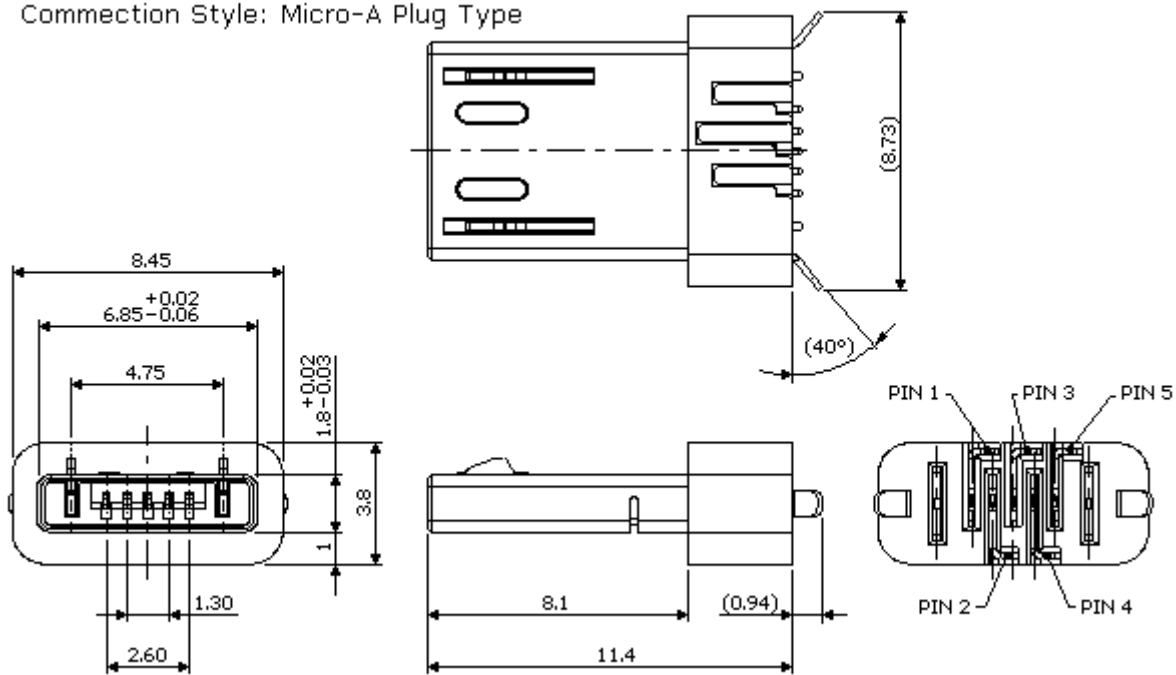
DIMENSIONS (UNIT:mm)

**ESB22A (A Plug)
+ ESB227 (AB Socket)**



ESB 22A UNIT:mm

Connection Style: Micro-A Plug Type



ESB 227 UNIT:mm

Connection Style: Micro-AB Receptacle Type

