

MICRO USB CONNECTOR

ESB 22 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

ESB	22	7	1	1	0	1	0	0	Z
									+--- Z:RoHS Compliant
									+--- Special Code:
									0:Tape & reel type
									1:Tube packed type
									2:Packed into play 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)

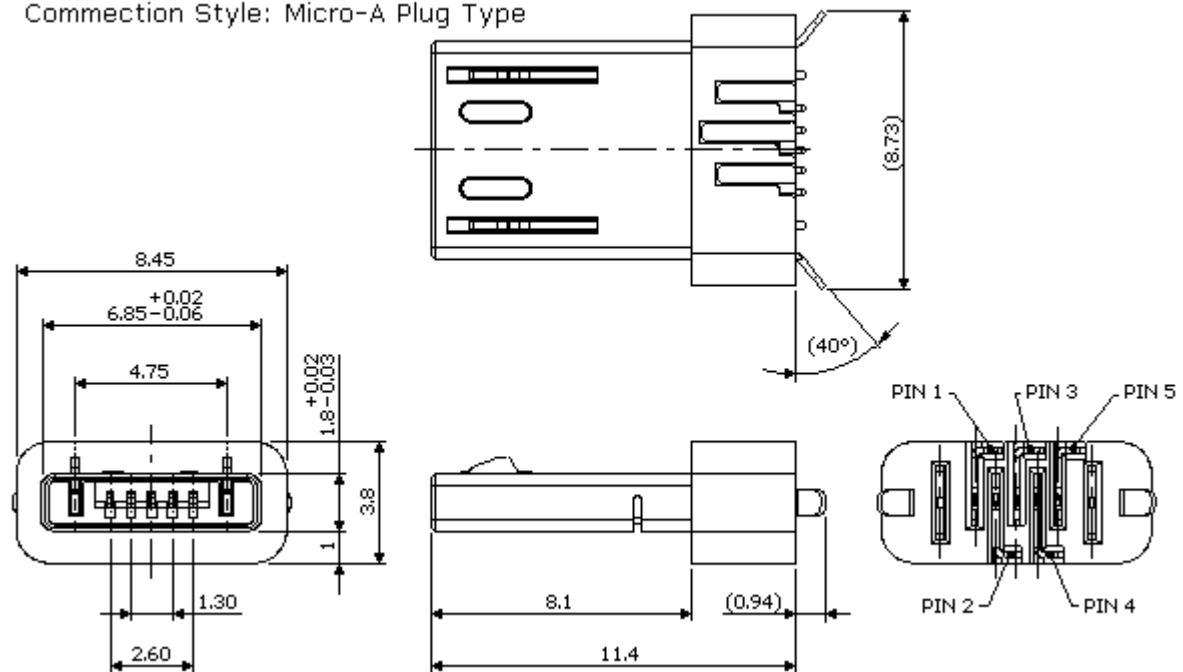


ESB22B (B Plug)
+ ESB228 (B Socket)



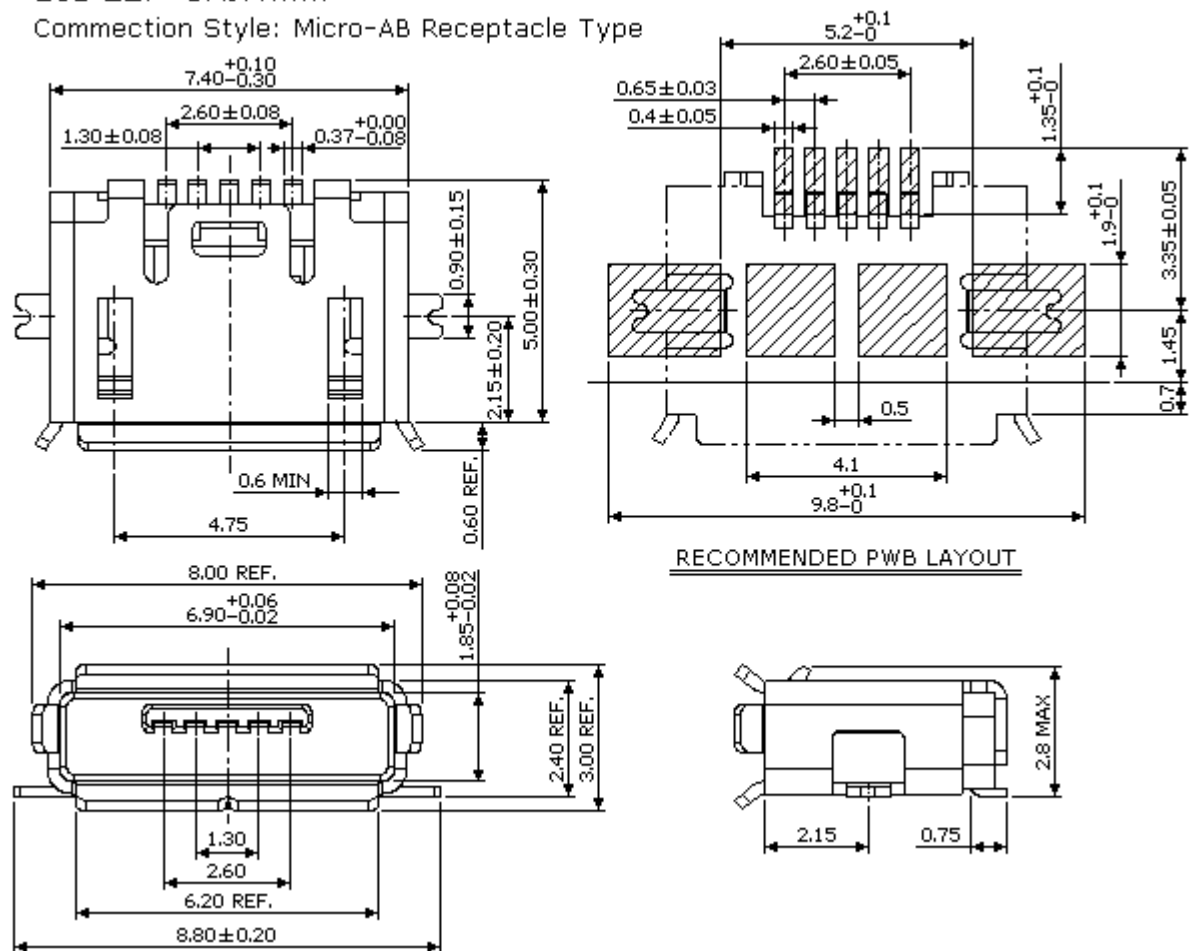
ESB 22A UNIT:mm

Connection Style: Micro-A Plug Type



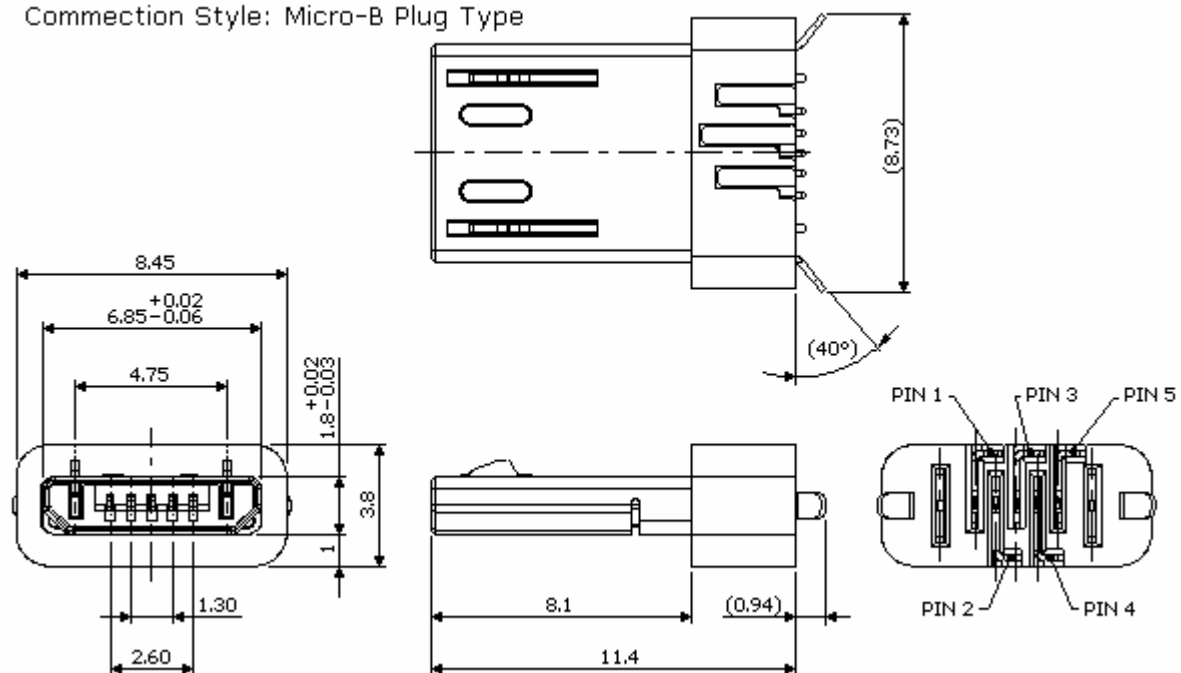
ESB 227 UNIT:mm

Connection Style: Micro-AB Receptacle Type



ESB 2B UNIT:mm

Connexion Style: Micro-B Plug Type



ESB 228 UNIT:mm

Connexion Style: Micro-B Receptacle Type

