

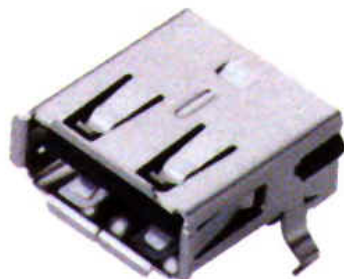
# USB CONNECTOR & CABLE

## ESB 0 SERIES (CONNECTOR)

U.S.Electronics Inc

Ph: (314) 423 7550

Fax: (314)423 0585

**PATENT NO. :139315****148380****ZL97250960.7 (CHINA)****ZL97243965.X(CHINA)**

## FEATURES

- Raised design provides easy insertion and withdrawal, and guarantee even high reliability.
- Design of three certain restraints provides robustious structure.
- Gold plated contact to ensure low contact resistance.
- All materials are UL 94V-0 grade fire retardant.
- Up to 5 meters per cable segment.
- To make sure your connections are perfect every time.

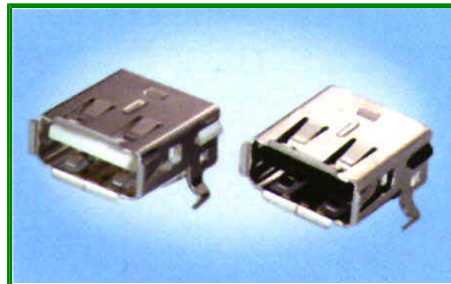
## SPECIFICATIONS

ELECTRICAL		MECHANICAL	
Voltage rating	30 VAC(rms)	Durability	1500 cycles
Current rating	1 Amp	Mating force	35N Max.
Contact resistance	30 m $\Omega$ Max.	Unmating force	2.9N Min.
Insulation resistance	1000 M $\Omega$ Min.	Temperature	storage -40°C to +60°C operating 0°C to +40°C
Dielectric strength	750 VAC Min.		

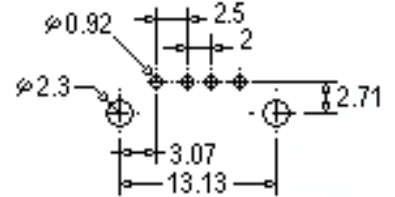
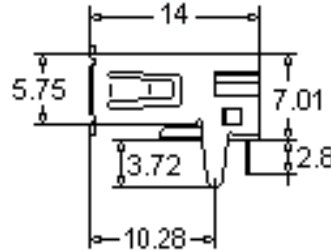
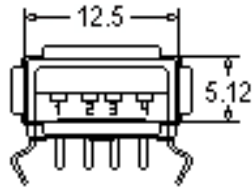


# DIMENSIONS (UNIT: mm)

## RIGHT ANGLE TYPE



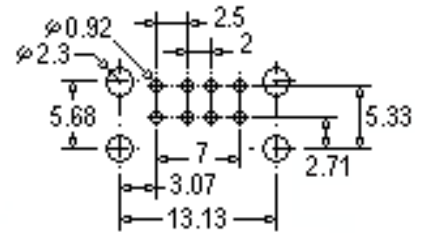
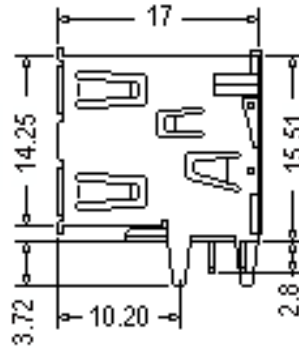
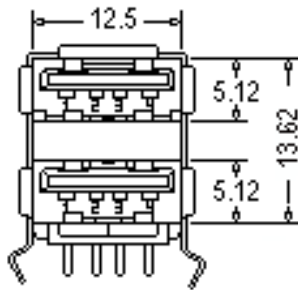
**A TYPE Single Port**  
**ESB 011**



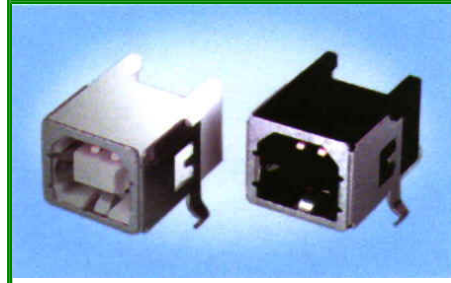
P.C.B. Layout



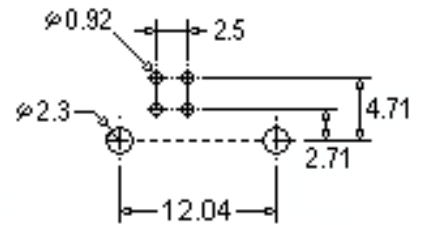
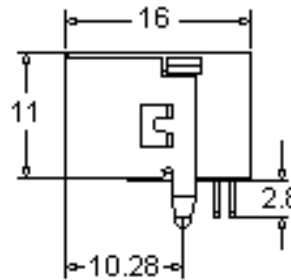
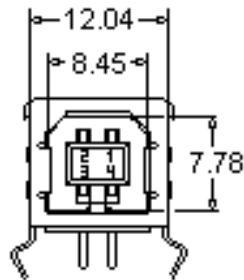
**A TYPE Double Port**  
**ESB 012**



P.C.B. Layout

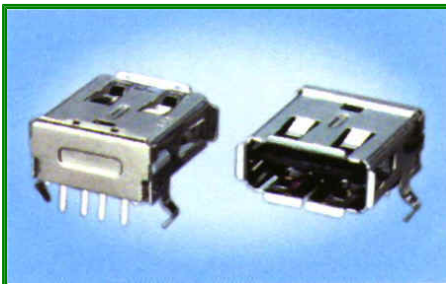


**B TYPE**  
**ESB 021**

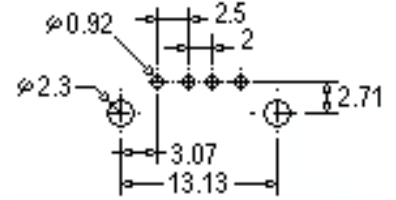
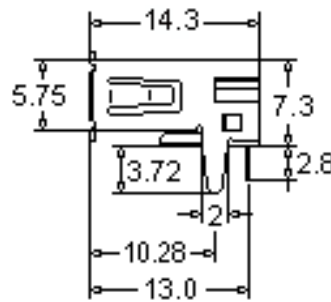
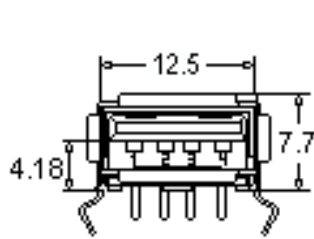


P.C.B. Layout

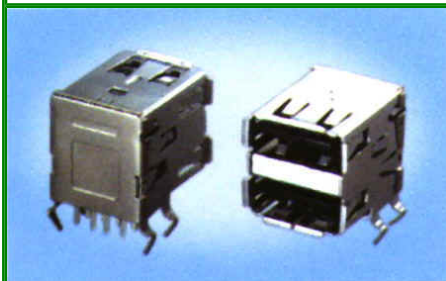
**RIGHT ANGLE TYPE / WITH SHIELD**



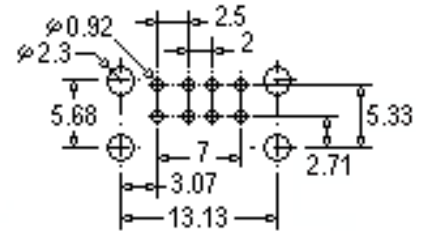
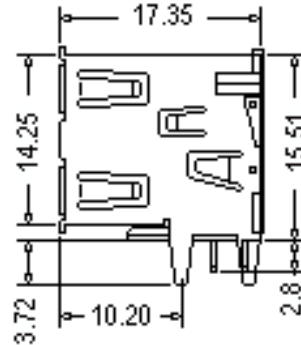
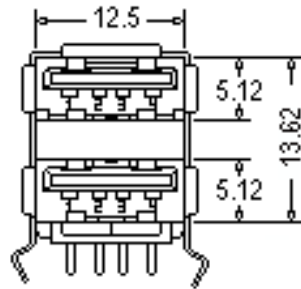
**A TYPE Single port**  
**ESB 011x1**



P.C.B. Layout



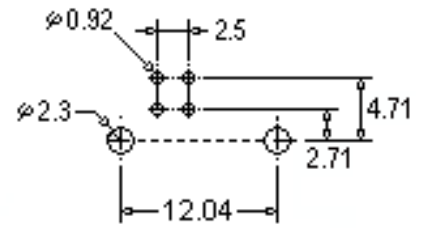
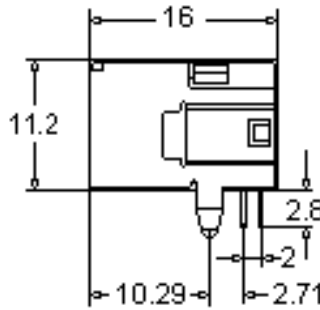
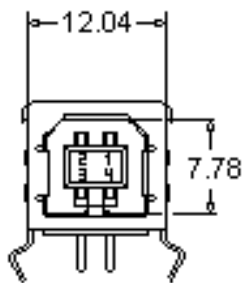
**A TYPE Double port**  
**ESB 012x1**



P.C.B. Layout



**B TYPE**  
**ESB 021x1**



P.C.B. Layout

**STRAIGHT PIN TYPE**



**B TYPE**  
**ESB 021x01**

