



# USB-B TYPE B CONNECTOR

CENTURY INTERCONNECT PRODUCTS

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## ORDERING INFORMATION

**USB-B - 04 - S - 5 - T - X - X**  
1 2 3 4 5 6 7

- 1...Series USB-B B series USB connector
- 2...Number of Contacts  
04...4 contacts
- 3...Housing and Contact Type  
S...Socket
- 4...Plating Options  
5...5 $\mu$ " selective gold plating (standard)  
9...30 $\mu$ " selective gold plating
- 5...Contact Style  
T...Through board
- 6...Shell Type  
O...Without rear shell  
R...With rear shell
- 7...Insulator Color  
B...Black  
W...White

## SPECIFICATIONS

### ELECTRICAL:

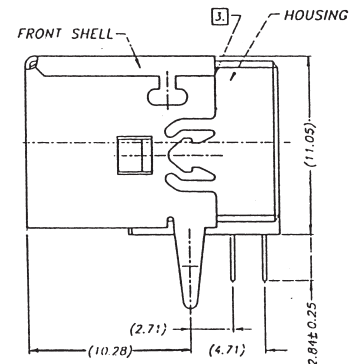
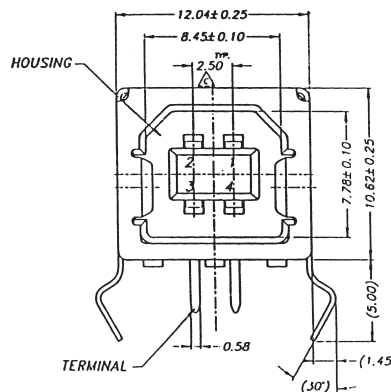
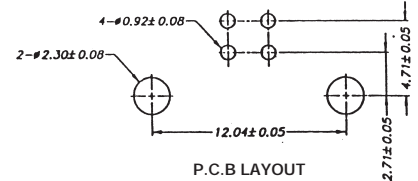
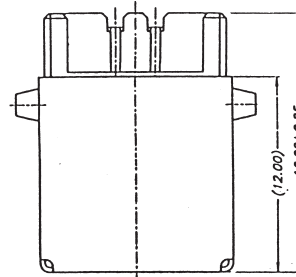
- Current Rating:** 1 amp max. per contact, not to exceed 30 degrees C temperature rise
- Contact Resistance:** 30 milliohms max.
- Insulation Resistance:** 1000 megohms min.
- Dielectric Withstanding Voltage:** 750V AC at sea level
- Operating Temperature Range:**  
-40 degrees C to +60 degrees C (storage)  
0 degrees C to +40 degrees C (operating)
- Operating Voltage:** 30V AC (rms)
- Durability:** >1500 cycles
- Mating Force:** 35 newtons max.
- Unmating Force:** 10 newtons min.

### MATERIAL:

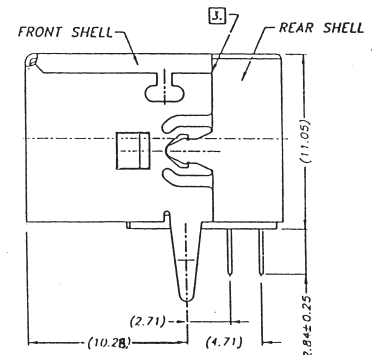
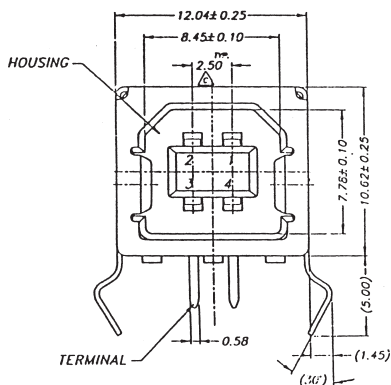
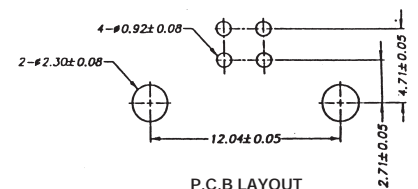
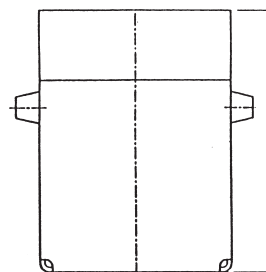
- Terminal:** Phosphor bronze (t=0.25mm)
- Front Shell:** Phosphor bronze (t=0.30mm)
- Rear Shell:** SPCC (t=0.30mm)
- Housing:** PBT, glass filled, UL94V-0

### PLATING:

- Terminal:** 50 $\mu$ " minimum nickel overall
- Solder Tail:** Tin/lead 100 $\mu$ " min.
- Front Shell:** 200 $\mu$ " light tin over 100 $\mu$ " copper
- Rear Shell:** 200 $\mu$ " light tin over 100 $\mu$ " copper
- Tolerance:**  $\pm$ 0.30mm
- Gap 3:** 0.25mm maximum



### WITHOUT REAR SHELL



### WITH REAR SHELL