

# USB SOCKET B TYPE TOP ENTRY CONNECTOR



## 5609 SERIES. USB Socket B Type.

### General Features

- Standard Usb connector 4 pins B type
- Contact area: selective gold plating over nickel
- Solder area: tin plating over nickel
- With board lock fixing tab

### Materials

- Insulator: PBT GF UL 94 V-0
- Contact: Brass  $t = 0.25$  mm. gold plated
- Shell: stainless steel  $t = 0.30$  mm.  $40 \mu$ " min. nickel over plated
- Operating temperature.  $-25^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$
- RoHS compliant

### Dimension Information



### Electrical Features

- Voltage rating:  $< 250$  V
- Current rating:  $1.5$  A
- Contact resistance:  $< 30$  m $\Omega$
- Dielectric withstanding Voltage:  $500$  V AC/minute
- Insulation resistance:  $> 1000$  M $\Omega$

### Mechanical Features

- Mating force:  $< 3.50$  Kgf
- Unmating force:  $> 1.00$  Kgf
- Durability:  $1.500$  Cycles

### Ordering Information:

**5609 - T- 04- 1- E**  
 1 2

#### 1. (T) = Contact Plating

- T = 13. Selective gold flash over  $50 \mu$ " nickel Recommended Finish
- T = 15.  $15 \mu$ " selective gold over  $50 \mu$ " nickel

#### 2. (E) = Packing Options

- E = 1. Tube
- E = 2. Reel

