

USB3-B-S-F-TH



USB3-A-S-S-TH



**USB3-A, USB3-B SERIES**

# USB 3.0 INTERFACES

**USB3-A Mates with:**  
USBC3-AM

**USB3-B Mates with:**  
USBC3-BM

**SPECIFICATIONS**

For complete specifications and recommended PCB layouts see [www.samtec.com?USB3-A](http://www.samtec.com?USB3-A) or [www.samtec.com?USB3-B](http://www.samtec.com?USB3-B)

**Insulator Material:**

Nylon 6T Blue

**Contact Material:**

Phosphor Copper

**Plating:**

Au or Sn over 50µ" (1,27µm) Ni

**Shield Plating:**

50µ" (1,27µm) Ni

**Front Shield:**

Phosphor Copper

**Back Shield:**

Brass

**Operating Temp Range:**

-50°C to +85°C

**Current Rating:**

1.8 A per power (VBUS)

contact and ground contact,

0.25A per other contact

**Voltage Rating:**

100 VAC

**Contact Resistance:**

30 mΩ max power and ground,

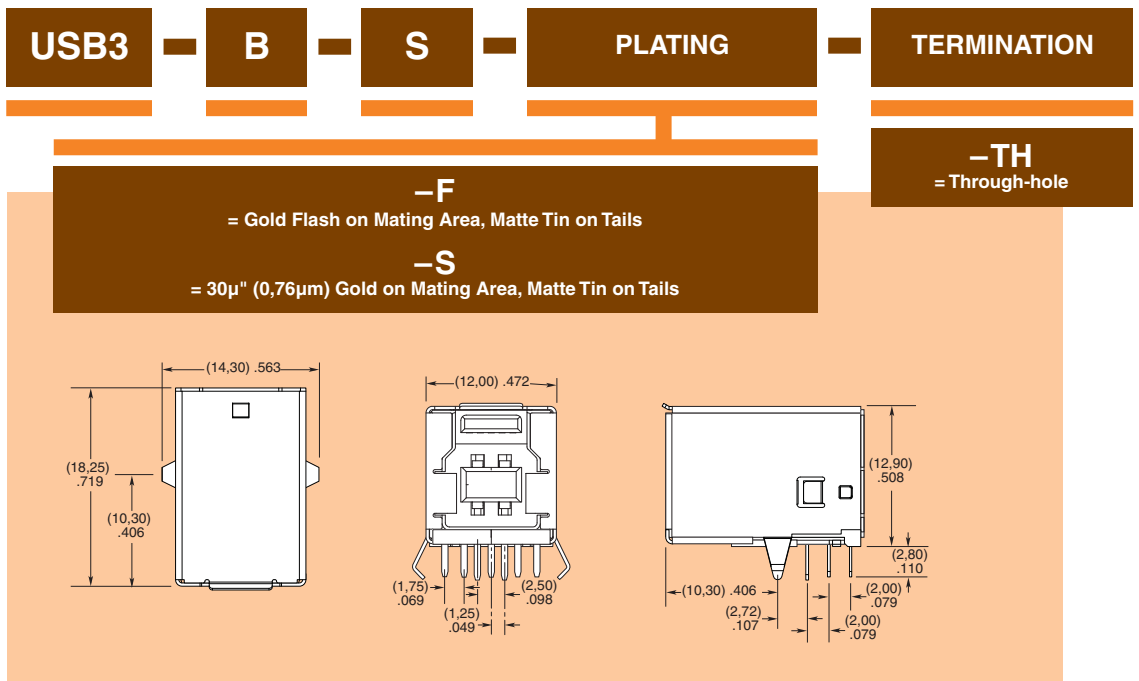
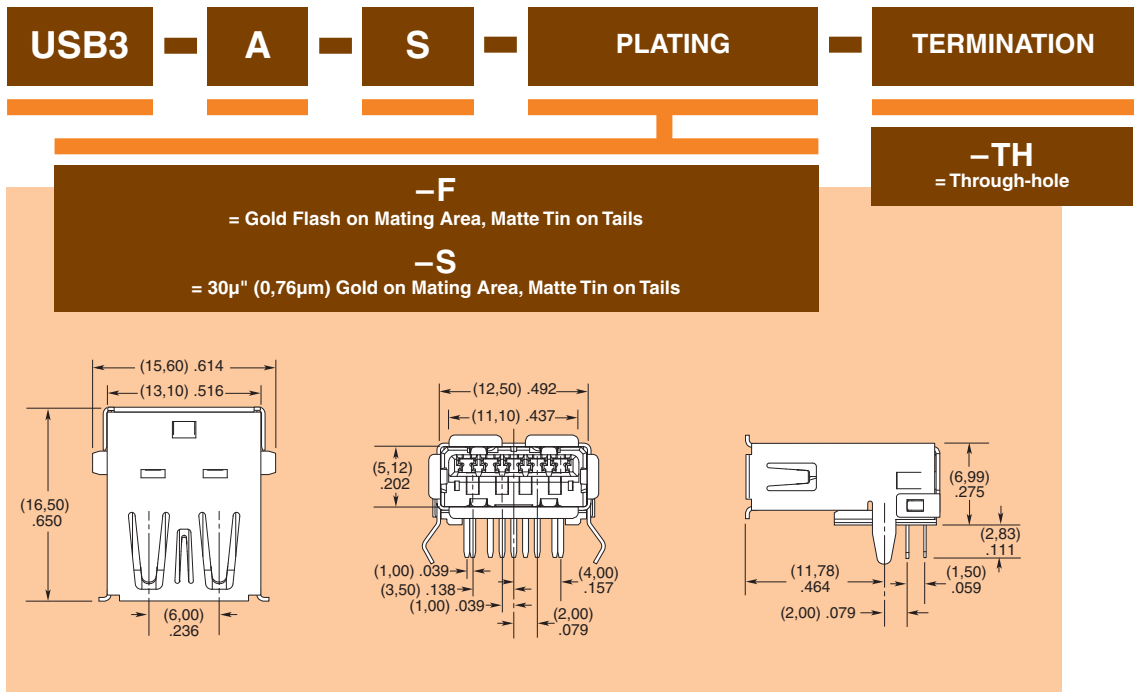
50 mΩ max for other contact

**Minimum Cycles:**

5000

**RoHS Compliant:**

Yes



Due to technical progress, all designs, specifications and components are subject to change without notice.

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