USB 2.0  
Sockets Type A  

**SPECIFICATION:**  
Current rating: 1.5 A  
Voltage rating: 30 V  
Insulation resistance: 1000 MΩ min.  
Contact resistance: 30 mΩ max.  
Dielectric voltage: 500 V AC  
Operation temperature: -25 °C to +80 °C

**MECANICAL:**  
Matting force: ≤ 35 N  
Unmatting force: ≥ 10 N

**MATERIAL:**  
Insulator: PBT white UL94V-0  
Shell: Metal  
Contacts: Brass

**FINISH:**  
Shell: Nickel plated  
Contacts: Gold Flash in contact area Tin plated on solder tails

**HANDLING:**  
Processing: Wave soldering  
Packing: Tray

**TOLERANCE:**  
X ± 0.30  
XX ± 0.25

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**Recommended PCB Layout**