NOTE:

1. Material
   Housing: Black HTN+30% GF
   Plunger & Barrel: Brass
   Spring: SUS 304

2. Plating
   Plunger: 10 micro-inch minimum Au over 50 micro-inch nickel
   Barrel: 10 micro-inch minimum Au over 50 micro-inch nickel

3. Electrical
   Rated Current & Voltage: DC 12V; 1A
   Contact Resistance: 50 mΩ maximum at Working Height (Quiescence)

4. Mechanical
   Spring Force: 120g ±20% at Working Height
   Durability: 100000 cycles (minimum)

5. To avoid arcing issue, the adaptor starts to power supply after connector mating fully.
6. To ensure the best usage, please operate it based on the working height.
7. Harmful material control please follow DOC. NO:"DQ03050"

Recommended P.C.B.
Layout (Component Side)