1. Material
   - Housing: Black PAVT (UL94V-0)
   - Plunger & Barrel: Brass
   - Spring: SUS 304

2. Plating
   - Contact Surface: 10 μm minimum Au over 50-100 μm Ni

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

4. Mechanical
   - Unloaded Height: 4.9 mm
   - Working Height: 3.9 mm
   - Spring Force: 110 g @ 20% at Working Height
   - Durability: 10,000 cycles (minimum)

5. To ensure the best usage,
   please operate it based on the working height.

RECOMMENDED PCB LAYOUT

N&H Technology GmbH

SVPC-S-N005M6-05BHR

5-Pos Pogo Pin Connector

Pitch 2.5x2.0mm
Height 4.9mm