Note:
Materials:
- Insulator: Black high temperature plastics UI94 V-0
- Plunger: Brass 0.25um Au over Ni
- Barrel: Brass 0.15um Au over Ni
- Spring: SUS Au
- Copper pipe: Brass plating Ni
- Magnet: NdFeB

Mechanical:
- Contact force: 80g±20g at 1.1mm working stroke
- Full stroke: 1.6mm
- Life test: 20,000 cycles

Electrical:
- Rated current & voltage: DC12V, 5A Max.
- Contact resistance: 50 milliohm Max.

Recommended pcb layout
layout tolerance: ±0.05mm