

V4 Type Sub Miniature Microswitch

Features

- Rating 5A switching S.P.D.T. (10A to order)
- Long life coil spring mechanism
- PC, 90° pc or solder terminals standard
- 2.8mm quick connect to order
- Button, lever or roller actuators
- UL/CSA approval pending
- Anti Solder Wicking
- High Quality
- Competitive pricing



Specification

| | |
|------------------------|----------------------------------|
| Rating: | 5A 250V AC (10A to order) |
| Contact resistance: | 100mΩ max |
| Insulation resistance: | 100MΩ min/1.5kVac |
| Life mechanical: | 3x10 ⁶ operations min |
| Life electrical: | 1x10 ⁶ operations min |
| Temperature range: | -20°C to +70°C |
| Materials body: | PBT |
| Materials button: | PA 66 |
| Materials actuators: | Stainless steel |
| Contact: | Silver |
| Terminals: | Silver plated brass |
| PCB mounting hole: | ø1.6mm |

Actuator specification

| | Button 000 | Lever 010 | Lever 020 | Lever 030 | Lever 040 | Roller 050 | Lever 060 | Lever 070 | Lever 080 |
|----------------------------|---------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|
| Operating force max (g) | 150 | 42 | 27 | 40 | 42 | 42 | 36 | 42 | 15 |
| Release force max (g) | 75 | 12 | 5 | 8 | 8 | 10 | 5 | 10 | 1.0 |
| Pre travel max (mm) | 0.6 | 2.6 | 4.2±1.2 | 2.8 | 2.6 | 2.6 | 2.9 | 2.2 | 7.5 |
| Movement differential (mm) | 0.1 | 0.6 | 0.9 | 0.6 | 0.6 | 0.6 | 0.7 | 0.5 | 1.7 |
| Over travel min (mm) | 0.5 | 1.0 | 1.6 | 1.0 | 1.0 | 1.0 | 1.2 | 1.0 | 5.0 |

| Type No. | Style |
|---------------------------------------|--------|
| CSM3500A or C or D | button |
| CSM3510A or C or D | lever |
| CSM3520A or C or D | lever |
| CSM3530A or C or D | lever |
| CSM3540A or C or D | lever |
| CSM3550A or C or D | roller |
| CSM3560A or C or D | lever |
| CSM3570A or C or D | lever |
| CSM3580A or C or D | lever |
| CSM3590A or C or D | lever |
| Suffix A = Solder terminal (standard) | |
| Suffix B = 2.8mm quick connect | |
| Suffix C = PC terminal (standard) | |
| Suffix D = 90° PC | |

