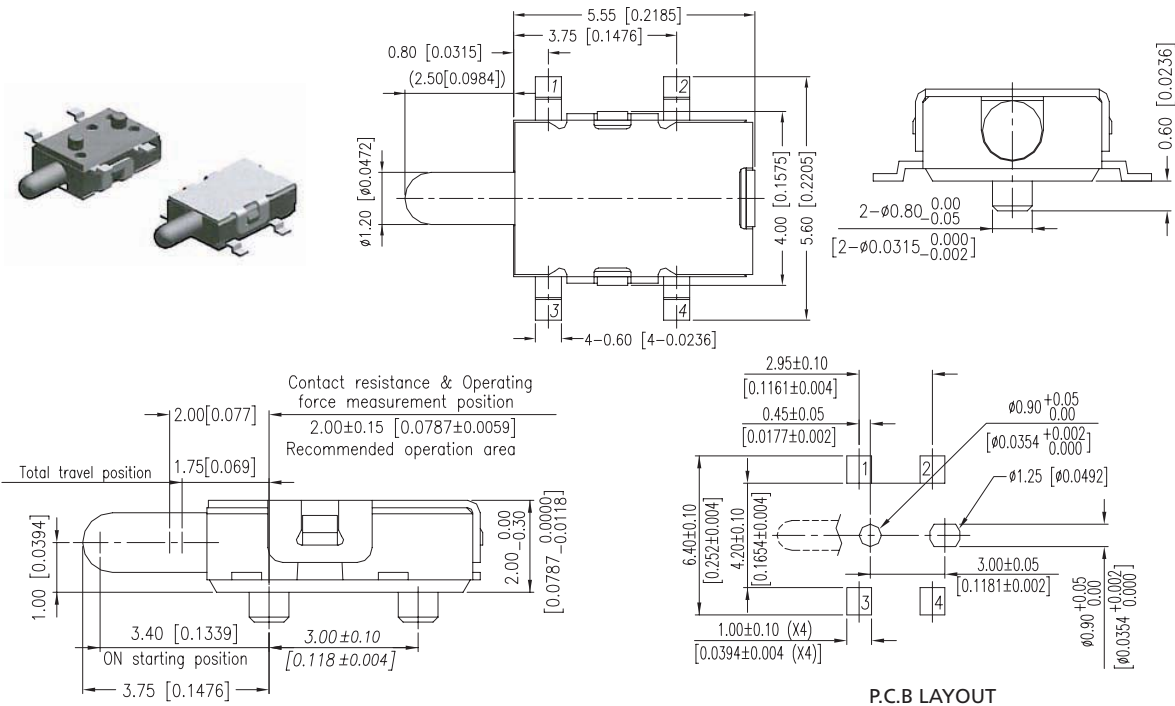


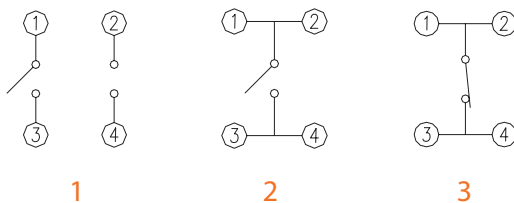
Detector Switches

Horizontal SMT Detector Switches with Side Stem

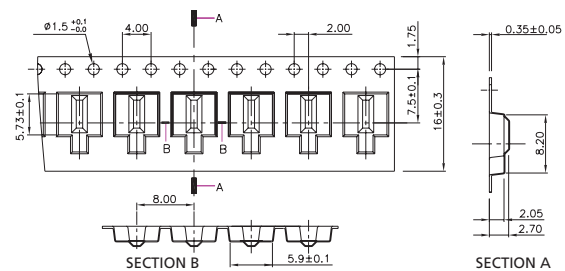
DF3 Series



CIRCUIT DIAGRAM



TAPE & REEL PACKAGING



How to order:

DF3 **1** **2** **3** **4**

1 CIRCUIT DIAGRAM:

- 1 See above drawings
- 2 See above drawings
- 3 See above drawings

2 POST:

- N Without Post
- P With Post

3 CONTACT MATERIAL:

- AG Silver Plating
- AU Gold Plating

4 PACKAGE STYLE:

- TR Tape & Reel

General Tolerance: ± 0.2 mm

General Specifications:

MATERIALS

- » Contact: Stainless Steel With Silver/Gold Plated
- » Terminal: Brass With Silver/Gold Plated
- » Cover: Stainless Steel
- » Base & Stem: UL94V-0Nylon High-Temp Thermoplastic
- » Spring: Piano Wire

MECHANICAL

- » Operation Force: 50 gf max.
- » Operation Temperature: -10°C to $+60^{\circ}\text{C}$
- » Storage Temperature: -20°C to $+70^{\circ}\text{C}$

ELECTRICAL

- » Electrical Life: 100,000 cycles
- » Rating: 1mA, 5VDC
- » Contact Resistance: 2Ω max
- » Insulation Resistance: $100\text{M}\Omega$ min
- » Dielectric Strength: 100VAC / 1 minute

SOLDERING PROCESSES

- » Reflow Soldering: When applying reflow soldering, the peak temperature or the reflow oven should be set to 260°C max.
- » Hand Soldering: use a soldering iron of 30 watts, controlled at 350°C approximately max 5 seconds while applying.

Temperature Profile :

