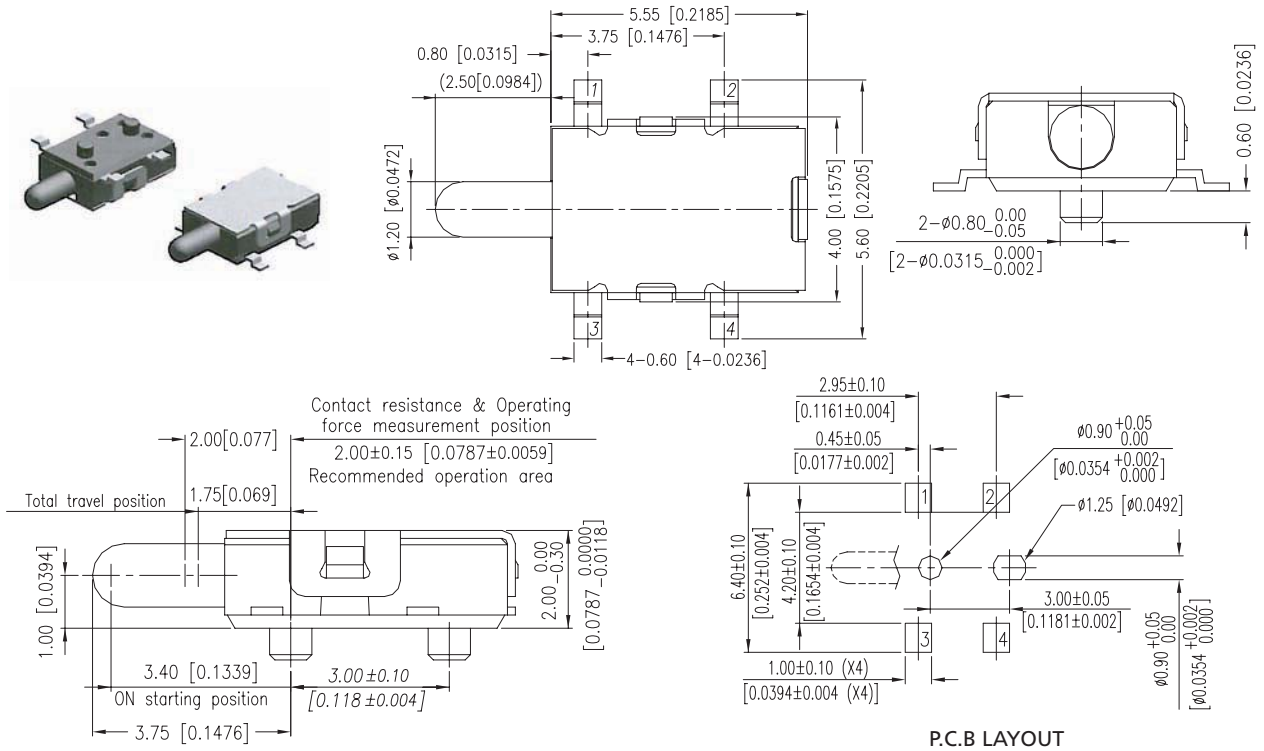


Detector Switches

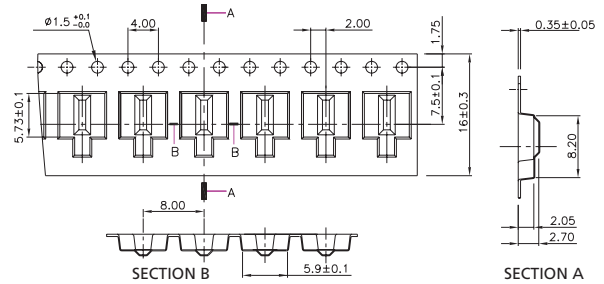
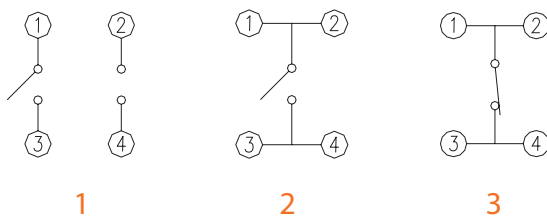
Horizontal SMT Detector Switches with Side Stem

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 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°C
- » Storage Temperature: -20°C to +70°C

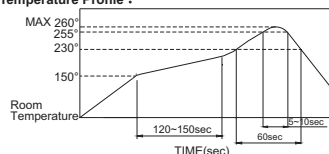
ELECTRICAL

- » Electrical Life: 100,000 cycles
- » Rating: 1mA, 5VDC
- » Contact Resistance: 2Ω max
- » Insulation Resistance: 100MΩ 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:



General Tolerance: ± 0.2 mm