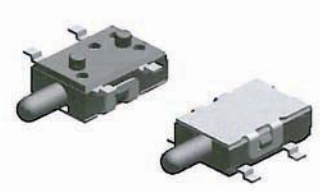
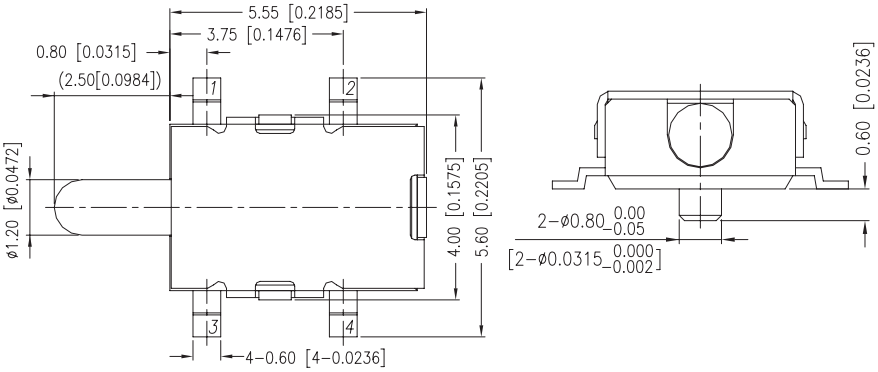
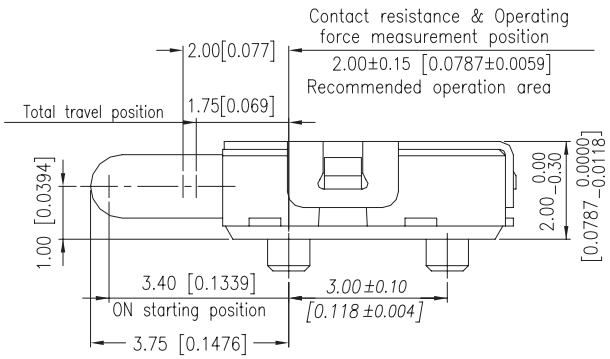
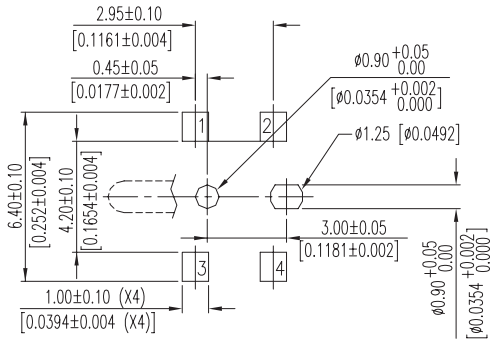
Detector Switches

Horizontal SMT Detector Switches with Side Stem — DF3 Series



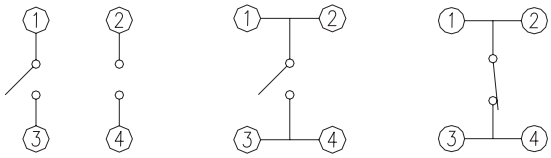






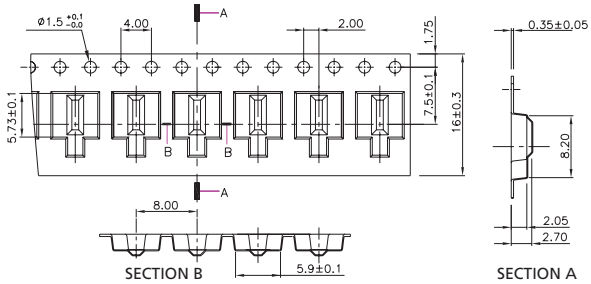
P.C.B LAYOUT

CIRCUIT DIAGRAM



1 2 3

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

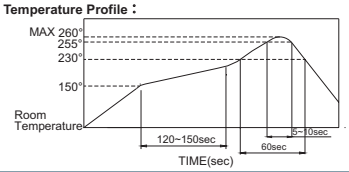
» Contact: Stainless Steel With Silver/Gold Plated
» Terminal: Brass With Silver/Gold Plated
» Cover: Stainless Steel
» Base & Stem: UL94V-0Nylon High-Temp Thermoplastic
» Spring: Piano Wire

MECHANICAL

» Operation Force: 50 gf max.
» Operation Temperature: -10°C to +60°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.