

FDSD Series Micro Mini Side Actuated Detect Switches

NEW



Features/Benefits

- *Extremely small package size*
- *Vertical Side Actuation*
- *Flat or Bending Terminations*
- *Long Travel Type*
- *RoHS Compliant*

Typical Applications

- *Consumer electronics*
- *Medical devices*
- *Safety control devices*

Specifications

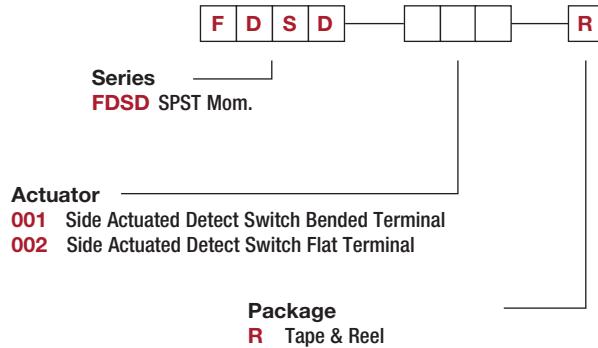
CONTACT RATING: 50 μ A @ 3VDC, 10 mA @ 5 VDC
MECHANICAL & ELECTRICAL LIFE: 50,000 operations
CONTACT RESISTANCE: 1 Ω max
INSULATION RESISTANCE: 100M Ω min
DIELECTRIC STRENGTH: 100VAC @ 1 minute
OPERATING TEMPERATURE: -10°C to +60°C
OPERATING FORCE: 40gf max.
TRAVEL: 3.05 mm or 60°
SOLDERABILITY: According to lead free solder profiles
PACKAGING: 3,500 pieces per reel.

Materials

BASE: PA9T
COVER: C7701R
ACTUATOR: PA 46
MOVABLE CONTACT: Beryllium Copper
TERMINALS: Phosphor Bronze, Ag over Ni Plating

Build-A-Switch

Complete part numbers for FDSD Series are shown below.



detect
E



5 sep 18

Dimensions are shown: mm
Specifications and dimensions subject to change

www.ckswitches.com

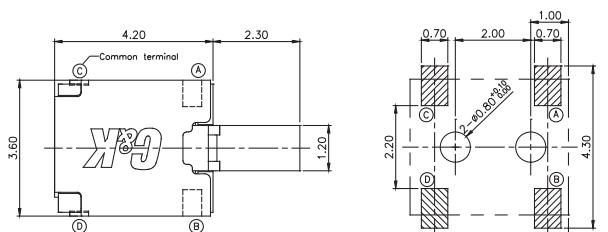
NEW

FDSD Series

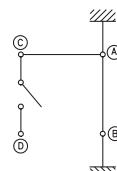
Micro Mini Side Actuated Detect Switches

SERIES

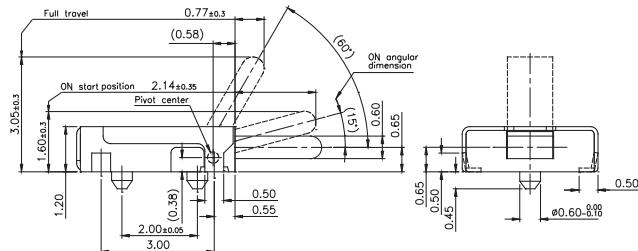
FDSD001R



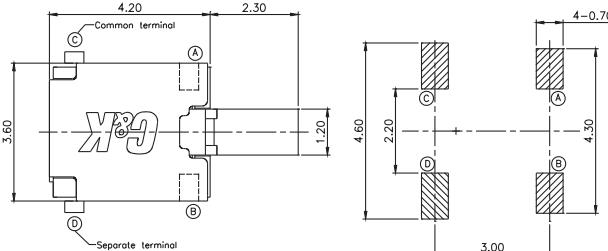
RGB LAYOUT



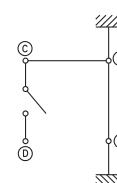
Circuit diagram



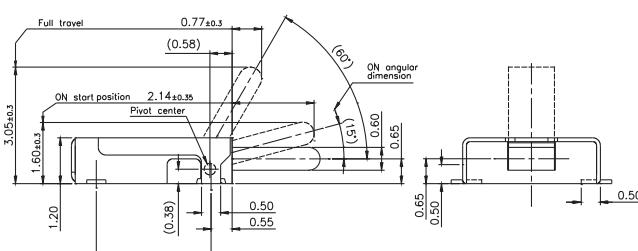
FDSD002R



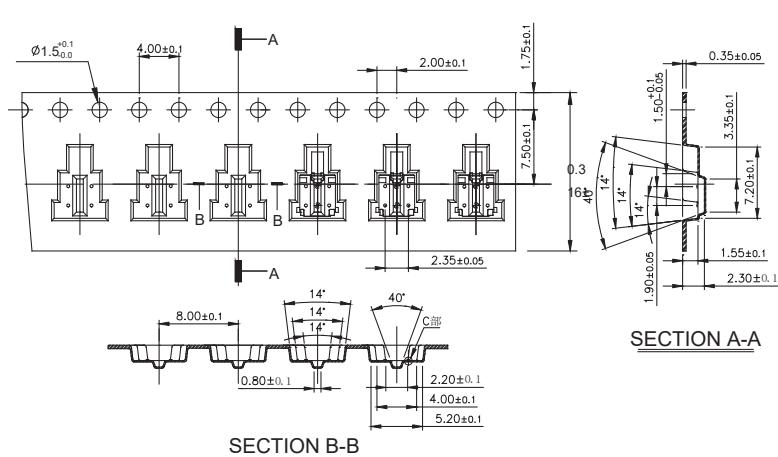
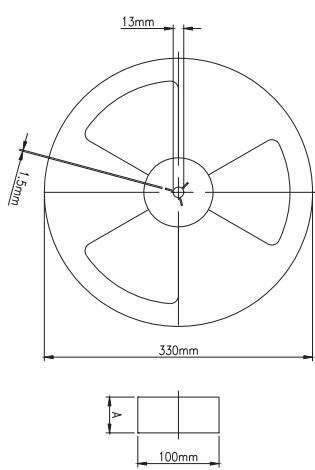
PCB LAYOUT



Circuit diagram



TAPE & REEL



SECTION A-A

C&K

5 sep 18

*Dimensions are shown: mm
Specifications and dimensions subject to change*

www.ckswitches.com

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

C&K Switches:

FDSD001R FDSD002R