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sales@integrated-circuit.com

SDT Series Micro Mini Pendulum Surface Mount Detect Switches

Features/Benefits

- Low profile package sits just 3,30 mm off PCB
- Design allows top or side actuation
- Low actuation force, 30 grams max.
- Pick and place compatible, available in tape & reel packaging
- RoHS compliant and compatible

Typical Applications

- Consumer electronics
- Computers
- Medical devices
- ATCA or MicroTCA devices



Advanced TCA®

μTCA®

Specifications

CONTACT RATING: 1 mA 5 VDC
MECHANICAL AND ELECTRICAL LIFE: 100,000 cycles min.
CONTACT RESISTANCE: 1 Ω max. initial.
INSULATION RESISTANCE: 10 M Ω min. between adjacent contacts.
OPERATING TEMPERATURE: -20°C to +70°C
STORAGE TEMPERATURE: -30°C to +80°C
PACKAGING: Tape & reel, 2,200 per reel.

Materials

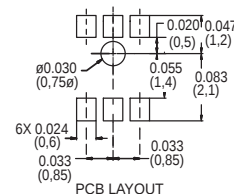
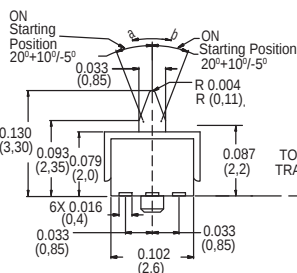
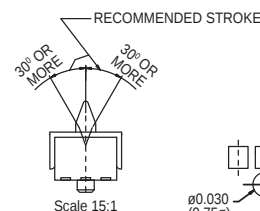
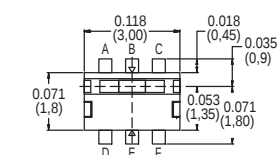
BASE: LCP
COVER: PA 46
ACTUATOR: LCP
MOVABLE BLADE: Stainless steel, gold over nickel plate.
TERMINALS: Phosphor bronze, gold over nickel plate.

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

Build-A-Switch

Complete part numbers for SDT Series are shown below.

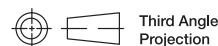
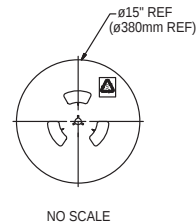
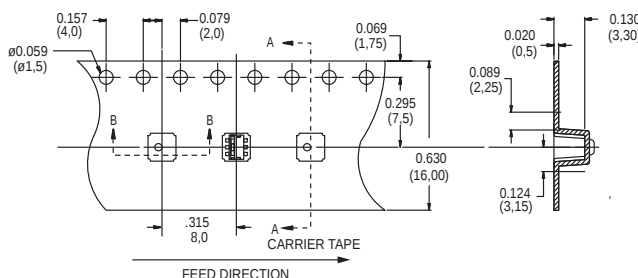
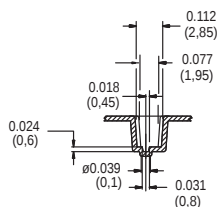
PART NUMBER	PACKAGING	SCHEMATIC
SDT001	TAPE & REEL	 CIRCUIT DIAGRAM



SDT001



TAPE & REEL



Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change

C&K



Detect