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*

PICMG® AdvancedTCA® 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

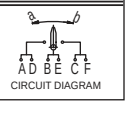
MOVABLE BLADE: Stainless steel, gold over nickel plate.

TERMINALS: Phosphor bronze, gold over nickel plate.

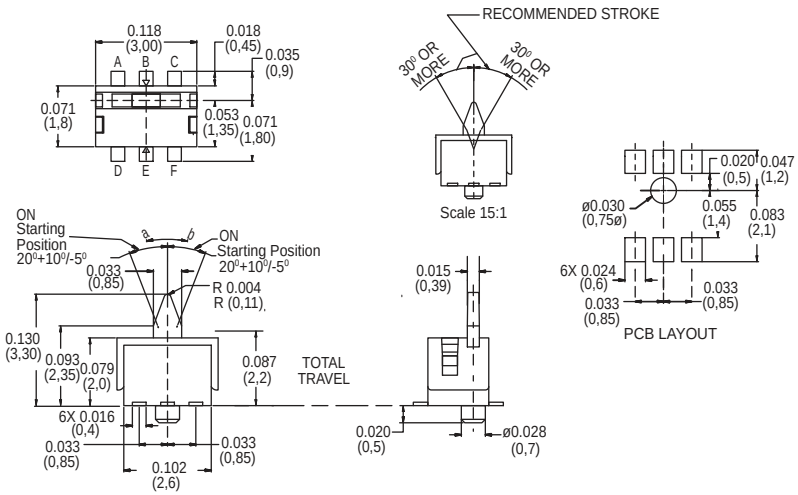
NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

Build-A-Switch

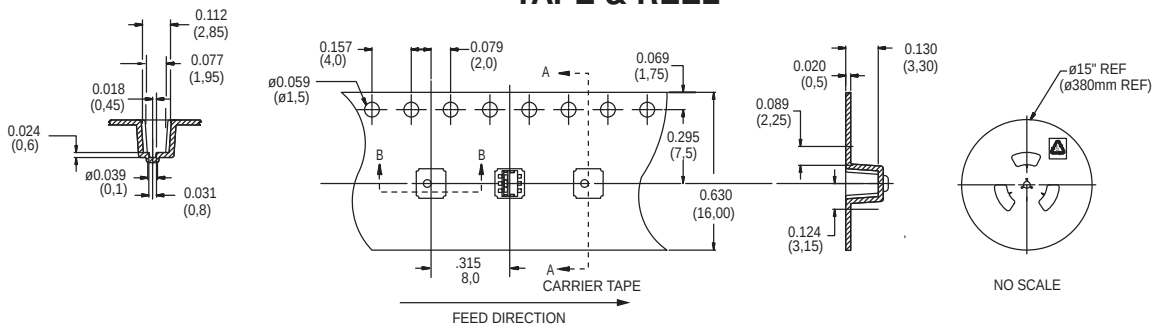
Complete part numbers for SDT Series are shown below.

PART NUMBER	PACKAGING	SCHEMATIC
SDT001	TAPE & REEL	 CIRCUIT DIAGRAM

SDT001



TAPE & REEL



Third Angle Projection

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