NEW!

C&K TDP Series
Ultra-miniature Surface Mount
Half-pitch Side-Actuated DIP Switches

Features/Benefits

- *World's first ultra-miniature SMT half-pitch side-actuated DIP*
- *Side actuation allows visual indication of on/off position in horizontal applications*
- *Process sealed for surface mount soldering and washable processing*
- *RoHS compliant*
- *Lead free*

Typical Applications

- *Hand-held electronic devices*
- *Portable computer and electronic devices*
- *Instrumentation and controls*



How To Order

Complete part numbers for TDP Series are shown below. All switches supplied in "OFF" position.

Specifications

SWITCH FUNCTION: SPST — 8 positions.

CONTACT RATING:

24 V DC, 25 mA (switching).

50 V DC, 100 mA (steady state).

MECHANICAL AND ELECTRICAL LIFE: 1,000 cycles.

CONTACT RESISTANCE: 100 milliohms max.

INSULATION RESISTANCE: 100 megohms @ 100 V DC min.

DIELECTRIC STRENGTH: 300 V AC min.

STORAGE TEMPERATURE: –40°C to 85°C.

OPERATING TEMPERATURE: –20°C to 85°C.

OPERATING FORCE: 4,9N max.

SOLDERABILITY: Per MIL-STD-202F method 208D, or EIA RS-186E method 9 (1 hour steam aging).

PACKAGING: Switches supplied in rigid dispensing tubes in full tube quantities only, this may affect order quantity. Tape and reel packaging also available.

Materials

CASE & COVER: glass filled PPS (UL94V-0).

ACTUATOR: PA6T (UL94V-0).

CONTACTS: Copper alloy with gold plate over nickel plate.

TERMINALS: Copper alloy, with gold over nickel plate.

All terminals are insert molded.

TAPE SEAL: Polyimide.

NOTE: For the latest information regarding RoHS compliance, please go to: www.ittcannon.com/rohs.

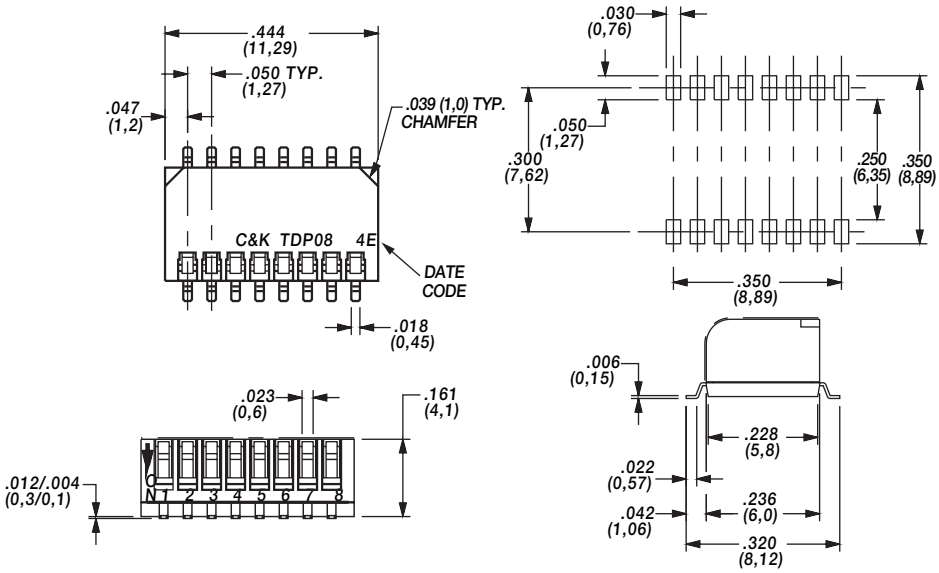
Note: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

No Top Tape, Surface Mount Terminals

PART NUMBER	NO. POS.	QUANTITY PER TUBE
TDP08H0SBD1	8	40 PER TUBE
TDP08H0SBD1R	8	1000 PER TAPE & REEL

Schematic

SPST



Third Angle Projection

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

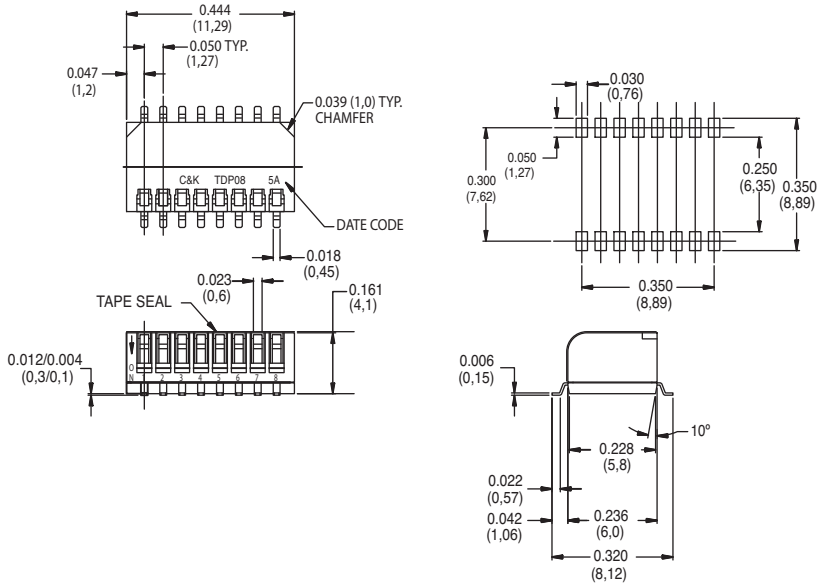
C&K TDP Series
Ultra-miniature Surface Mount
Half-pitch Side-Actuated DIP Switches

With Top Tape, Surface Mount Terminals

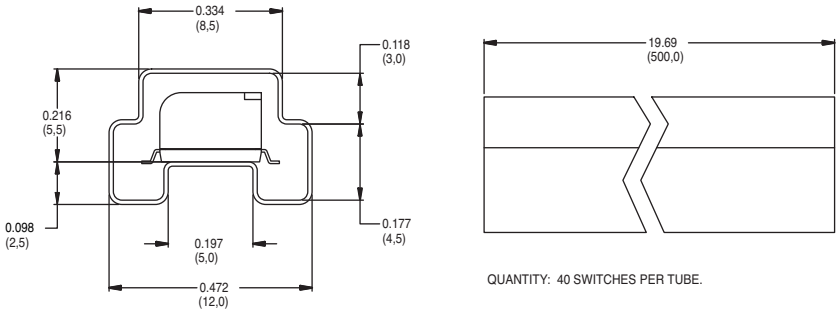
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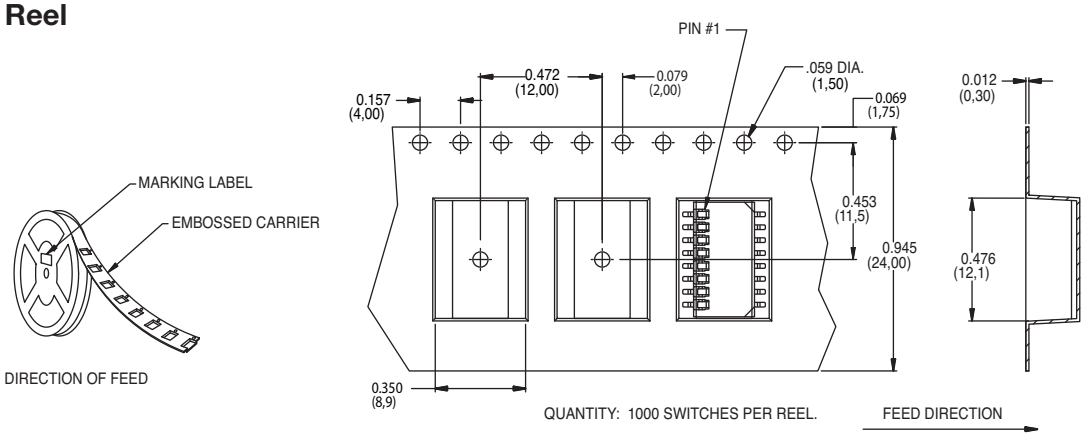
SPST



Tube Packaging



Tape & Reel



Third Angle Projection

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