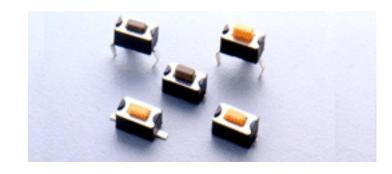
## **ADTS3 SERIES**

## 3.5 x 6mm TACT SWITCH



## **FEATURES**

Sharp click feel with a positive tactile feedback.

Ultraminiature structure suitable for high density mounting. Economic but high reliability.

Insert molded contacts with special treatment prevents flux build-up during soldering and permits auto-dipping.

**MATERIALS** 

COVER: Stainless Steel.

BASE: UL94V-0 Nylon, High Temperature Thermoplastic.

Color: Black

STEM: UL94V-0 Nylon, High Temperature Thermoplastic.

Color: Brown(160gf), Red(260gf), Salmon(320gf), Yellow(520gf)

DOME CONTACT: Stainless with silver cladding. TERMINALS: Brass with silver plated.

## **GENERAL SPECIFICATIONS**

**ELECTRICALS** 

Electrical life: 50,000 cycles for 160gf, 320gf.

30,000 cycles for 260gf, 520gf.

Rating: 50 mA,12 VDC.
Contact resistance: 100 milliohms max.

Insulation resistance: 100 megohms min. 500 VDC.

Dielectric Strength: 250 VAC /1 minute.
Contact Arrangement: 1 pole 1 throw.

**MECHANICALS** 

Actuation Force:  $520 \pm 130 \text{gf Yellow}$  (Y)

 $320 \pm 80$ gf Salmon (S)  $260 \pm 50$ gf Red (R) 160 + 50gf Brown (N)

Stoke: 0.25 + 0.2 mm

- 0.1 mm

Operating Temperature Range: -25°C to + 70°C Storage Temperature Range: -30°C to + 80°C

Vibration resistance: MIL-STD-202FMETHOD 201A.

Frequency: 10-55-10Hz/1minute.

Directions: X,Y,Z, three mutually perpendicular directions.

Time: 2 hours each direction.

High reliability.

Shock resistance: MIL-STD-202F METHOD 213B.

CONDITION A.

Gravity: 50G (peak value), 11 msec.

Direction and times: 6 sides and 3 times in each direction.

High reliability.

