# **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)
DOMECONTACT:	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:	$520 \pm 130$ gf Yellow $320 \pm 80$ gf Salmon $260 \pm 50$ gf Red $160 \pm 50$ gf Brown	(Y) (S) (R) (N)
Stoke:	0.25 + 0.2 mm - 0.1 mm	
Operating Temperature Range: Storage Temperature Range: Vibration resistance:	-30°C to + 80°C MIL-STD-202F METHO Frequency: 10-55-10Hz	/1minute. mutually perpendicular directions.
Shock resistance:	MIL-STD-202F METHO CONDITION A. Gravity: 50G (peak valu Direction and times: 6 s High reliability.	



