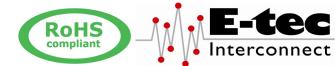
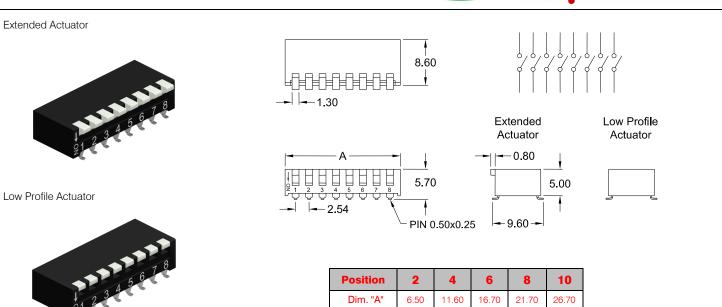
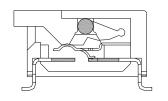
# **DPA Series**

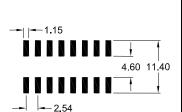
### PIANO LOW PROFILE "SMT" TYPE





#### Construction





**PCB SMT Layout** 

#### **Option**

Tape sealed



- 25°C to +70°C

-40°C to +85°C

## **Electrical data**

Contact Rating

-switching

-non-Switching

Contact Resistance

-initial

-after life test

Insulation Resistance

Withstanding Voltage

Capacitance between adjacent switches

25 mA, 24 V DC 100 mA, 50 V DC

50 m $\Omega$  max.

100 m $\Omega$  max.

1000  $\text{M}\Omega$  min. at 100 V DC

500 V AC for 1 Minute

5 pF max.

## SPECIFICATIONS

## **Mechanical and Environmental data**

Operating Temperature

Storage Temperature

Soldering Temperature

idening remperature

-SMT reflow soldering  $250^{\circ}\text{C} + 0/-5^{\circ}\text{C}$  for 10 sec.

Operating Force 800 gf max.

Mechanical Life 1000 operations

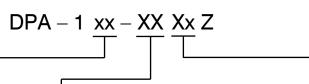
Vibration 10 Hz - 50 Hz - 10 Hz for 6 hours

#### **FEATURES**

- Edge actuated (piano type) easy setting on closely racked PCB
- Tactile response is performed directly by larger contact pressure to ensure very stable contact
- All plastic are UL 94V-0 grade fire retardant

- Twin contact design to ensure stable contact
- Contact wiping on make and break
- Gold plated contacts to ensure low contact resistance, and tin plated terminal to prevent contamination during soldering (gold/tin)





#### Nbr of positions

# see under position/dimension box above

Example:

2 Position = **02** 

4 Position = **04** 

etc.

# Actuator and "ON/OFF" Position

**EA** = Extended Actuator; Top side **OFF** 

**LA** = Low Profile Actuator; Top side **OFF** 

## Packing and Sealing

**00** = Tube packing

**10** = Reel packing

**00** = Tube packing

**10** = Reel packing

**T0** = Tube packing & Tape sealed

**T1** = Reel packing & Tape sealed