

Cautions

1. Applying load to terminals during soldering under certain conditions may cause deformation and electrical property degradation.
2. Avoid use of water-soluble soldering flux, since it may corrode the switches.
3. Check and conform to soldering requirements under actual mass production conditions.
4. No washing.
5. The products are designed and manufactured for direct current resistance. Contact us for use of other resistances such as inductive (L) or capacitive (C).
6. The circuit setting (software setting) shall be ensured for error-free operations, caused by bounce and chattering as specified by each model of the switches.
7. Do not use the switches for a long time near the upper or lower limits of the specified operating temperatures. The use environments shall satisfy the specified range of the environmental tests in the specifications.
8. In case of continuous operation near the upper and lower limits, see requirements of each model to check if possible.
9. The switches designed specifically for automotive uses can be used for vehicles. No other switches shall be used for vehicles.
10. Use the switches sufficiently distant (i.e. at a position closer to the full distance) from the ON Start Position.
11. The switch-returning force cannot be used as a mechanical driving force of a set.
12. Do not apply transverse force to the operating part while piling up PC boards in process and during transportation.
13. Protect small and thin switches from external forces in the set mounting process.
14. Use of a through-hole PC board, or a PC board of different thickness from the recommendation will have a different heat stress. Verify the soldering requirements thoroughly before use.
15. Warped PC boards may change their properties. Carefully design and lay-out the patterns.
16. Use of thinner PC boards will require extra care, since the switches may be floated.
17. Use of the switches in a dusty environment may lead the dusts entering through the openings and cause imperfect contact or malfunction. Take this into account for set design.
18. Corrosive gas if generated by peripheral parts of a set, malfunction such as imperfect contact may occur. Thorough investigation shall be required beforehand.
19. Storage
 - ① Store the products as delivered, at a normal temperature and humidity, without direct sunshine and corrosive gas ambient. Use them at an earliest possible timing, not later than six months upon receipt.
 - ② After breaking the seal, keep the products in a plastic bag to shut out ambient air, store them in the same environment as above, and use them up as soon as possible.
 - ③ Do not stack too many switches.

Detector

Push

Slide

Rotary

Encoders

Power

Dual-in-line
Package Type

Multi Control
Devices

TACT Switch™

Custom-
Products