## ED Domes and EDM Domes



## ED

ED, the disc contact is a momentary tact switch with short travel and good tactile feedback. Direct mounting on a printed circuit board is possible. In that case, the dome must be actuated by a soft actuator of 3.0 mm $(0.118)$ minimum diameter. The ED dome is available in various types of modules and is the main component of several switches presented in this catalog.
Self-cleaning system:
The contact is made on at least 3 points of the lower diaphragm, these 3 points of contacts are always different at each new switch action. During the switching movement, the upper disc slides on the lower diaphragm, ensuring the contact's self-cleaning.

## EDM

The EDM is available in 4 versions:
EDM 450 AU
EDM 650 AU
EDM 450 AG
EDM 650 AG
The EDM Multi Dome Series was developed for low profile applications needing increased tactile response and high performance specifications.
Applications range from aircraft instrument panels to radio keypads. This high performance dome switch combines our reliable ED contact system with added tactile domes for forces of 4.5 N ( 450 grams) and 6.5 N ( 650 grams).

## Main features

- Gold (Au) or silver (Ag) contacts
- Two different operating forces
- Low profile
- Compact PWB spacing
- Proven application in avionics

| Construction <br> Function | ED <br> Momentary | EDM <br> Momentary |
| :--- | :--- | :--- | :--- |
| Contact arrangement | 1 make contact $=$ SPST | 1 make contact=SPST,NO |

Ordering code: see next page.

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## Dimensional Drawings

## ED Domes



## Switch action principal

The disc contact is essentially made of two separate conductive domes diaphragms separated by an insulated material.
The upper diaphragm is shaped so that under pressure it collapses suddenly and establishes contact with the lower diaphragm.


SWITCH IN RESTING POSITION


