

MICON 5, THT standard, 3 N, 1 NO



fields of application

- > Measurement-control-regulation
- > Mechanical and system engineering
- > Automotive
- > Electro-medical

special features

- > Gold contacts, reliable switching with low currents
- > Special tactile feedback
- ➤ High packing density due to small form factor (5.1 x 6.4 mm)
- > Different operating forces
- > Ring and full illumination of the button surface due to plunger
- > Variable overall heights due to plunger
- > Terminal technology: SMT
- > Traceability through product identification in accordance with DIN EN ISO 9001

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description

MICON 5 tactile switches offer extreme switching reliability, with a very small space requirement. They can be arranged individually, in rows or as key blocks. For use beneath overlays, we recommend combining the MICON 5 key switches with plungers. Here are the properties at a glance:

- > Suitable for the most important soldering techniques
- > Soldering bath for THT versions
- > Reflow soldering for SMT versions
- > Vapor phase soldering for SMT versions
- > Manual soldering
- > Processing of the SMT design with SMT automatic assembly machines
- > IMDS entry

MICON 5, THT Standard, für Tastenkappen aus dem Zubehörprogramm geeignet Verpackung: in Schienen mit je 102 Stück

technical data

> general

illuminated No

Operating temperature, min. -40 °C

Operating temperature, max. 90 °C
Storage temperature, min. -40 °C
Storage temperature, max. 90 °C

Soldering Manual / wave

direct links

> RAFI eCatalog

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Shock resistance according to

100 g at 6 ms amplitude semi-sinusoidal

standard IEC 60068-2-27

Packaging Tube 102 pcs. Packaging unit net weight 0.1 g

Operating life 1,000,000 Cycles

RoHS compliant Yes **REACH** compliant Yes

oscillation restistance according

to standard IEC 60068-2-6

5 g at 10...500 Hz

DIN EN 60068-2-20 Solder heat resistance according

to standard

MOQ order 510

mounting diameters

Installation height 3.85 mm Grid, min. 6 x 7,8 mm Outside dimension, length 6.4 mm Outside dimension, width 5.1 mm Outside dimension, height 3.85 mm

mechanical data

Actuation function momentary contact function

Operating force, min. 3 N Switching travel 0.7 mm Contact function 1 NO

Contact system Snap-action contact

Contact material Gold THT Terminal on the rear Solderability Yes

> electrical data

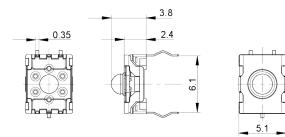
Rated voltage, min. 0.02 V Rated voltage, max. 35 V Rated current, min. 0.00001 A

Rated current, max. 0.1 A Rated power, max. 1 W Dielectric strength 250 V

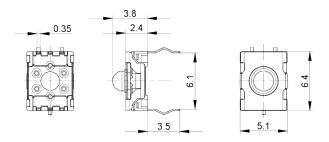


drawings

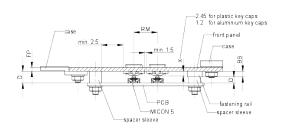
Dimensioned drawing



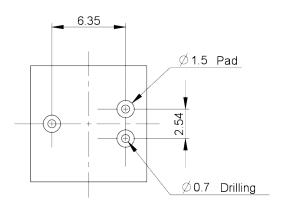
Dimensioned drawing



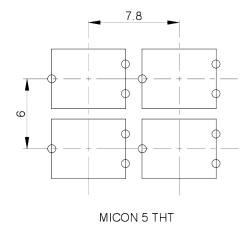
System drawing



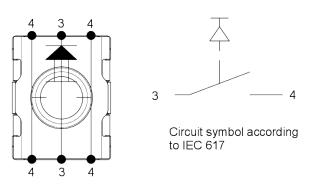
PCB drawing



PCB drawing



Schematic diagram



Product labeling drawing

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