

## 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



### 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

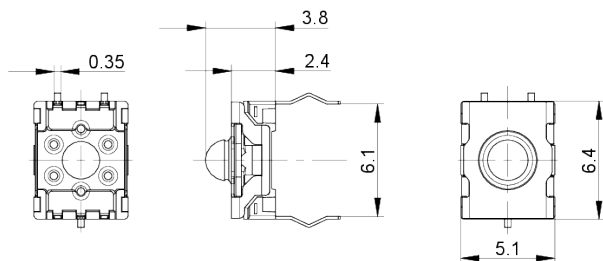
#### direct links

- › [RAFI eCatalog](#)

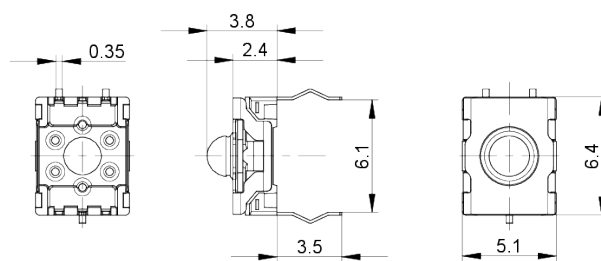
Shock resistance according to standard IEC 60068-2-27	100 g at 6 ms amplitude semi-sinusoidal
Packaging	Tube
Packaging unit	102 pcs.
net weight	0.1 g
Operating life	1,000,000 Cycles
RoHS compliant	Yes
REACH compliant	Yes
oscillation resistance according to standard IEC 60068-2-6	5 g at 10...500 Hz
Solder heat resistance according to standard	DIN EN 60068-2-20
MOQ order	510
<b>&gt; mounting diameters</b>	
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
<b>&gt; mechanical data</b>	
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
Terminal on the rear	THT
Solderability	Yes
<b>&gt; electrical data</b>	
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

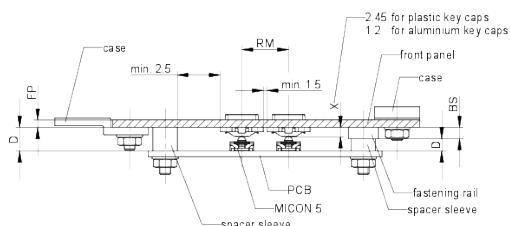
Dimensioned drawing



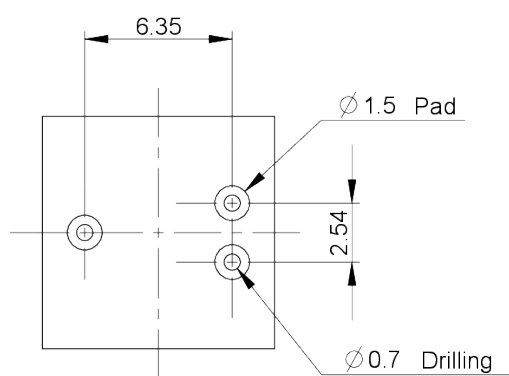
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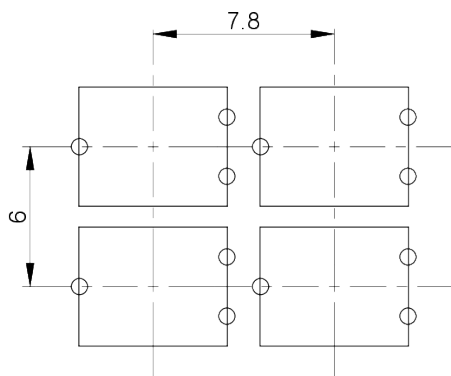
System drawing



PCB drawing

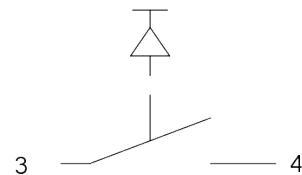
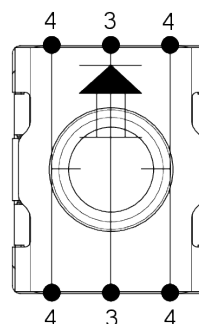


PCB drawing



MICON 5 THT

Schematic diagram



Circuit symbol according to IEC 617

Product labeling drawing

