

MICON 5 S, THT standard, 5,5 ± 1,1 N, 1 NO

COMING SOON



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 tactile 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, suitable for keycaps from the accessories range Packaging: in rails with 102 pieces each

technical data

➤ general

Operating temperature, min.	-40 °C
Storage temperature, min.	-40 °C
Operating temperature, max.	125 °C
Storage temperature, max.	90 °C
illuminated	No
Packaging unit	102 pcs.
net weight	0.1 g
Operating life	1,000,000 cycles

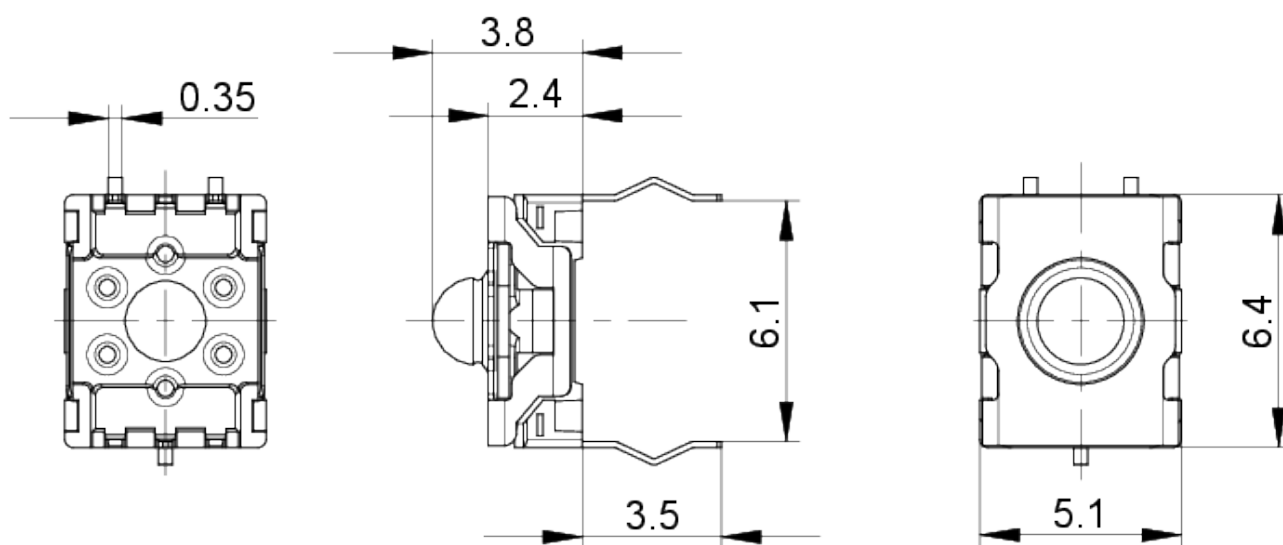
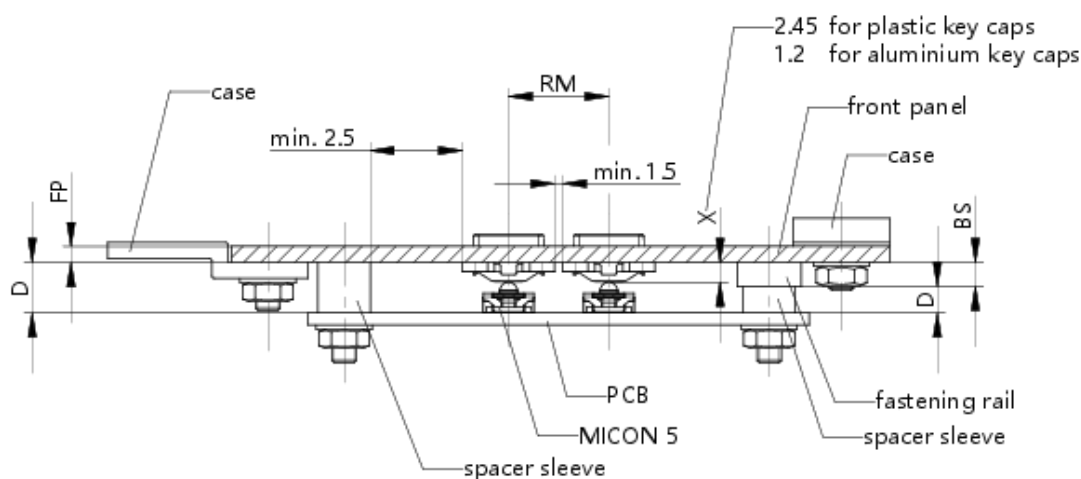
direct links

- RAFI eCatalog

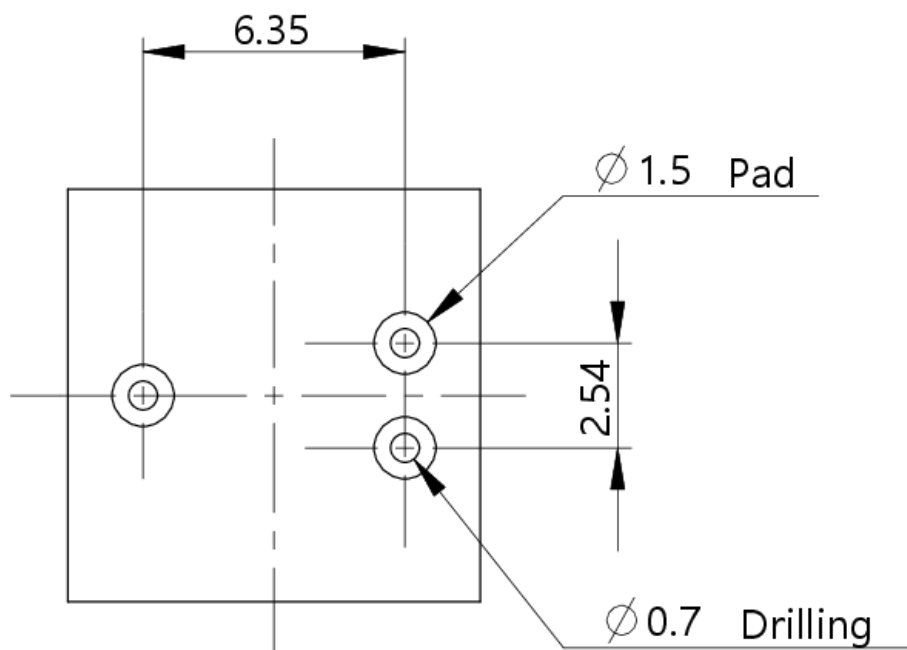
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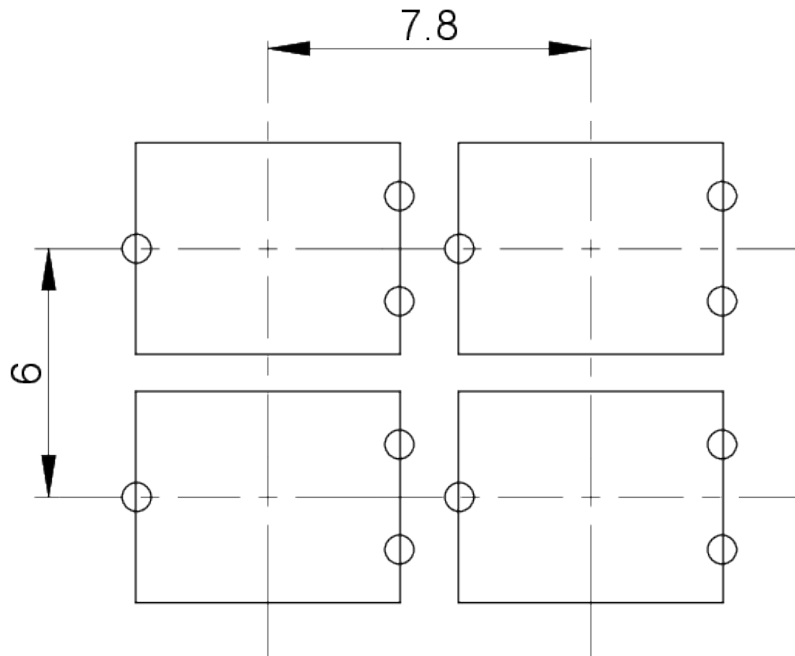
B10	1,300,000 cycles
Degree of protection, front side, according to DIN EN 60529	IP54 IPx7
Degree of protection, rear side, according to DIN EN 60529	IP54 IPx7
MSL Moisture Sensitivity Level	1
Shock resistance according to standard IEC 60068-2-27	100 g at 6 ms amplitude semi-sinusoidal
oscillation resistance according to standard IEC 60068-2-6	5 g at 10...500 Hz
MOQ order	510 pcs.
RoHS compliant	Yes
REACH compliant	Yes
> mounting diameters	
Grid, min.	6 x 7,8 mm
> mechanical data	
Actuation function	momentary contact function
Operating force, max.	8 N
Operating force, min.	5,5 ± 1,1 N
Switching travel	0.9 ± 0.15 mm
Contact function	1 NO
Contact system	Snap-action contact
Contact material	Gold
> electrical data	
Rated voltage, min.	0.02 V
Rated voltage, max.	35 V
Dielectric strength	250 V
Rated current, min.	0.00001 A
Rated current, max.	0.1 A
Rated power, max.	1 W

drawings**Dimensioned drawing****System drawing**

PCB drawing

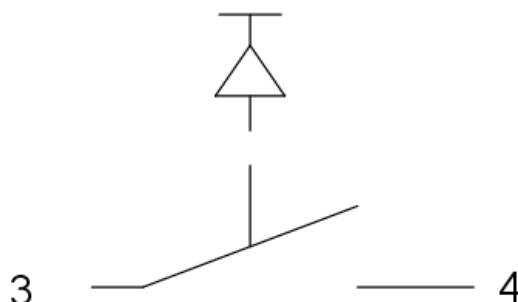
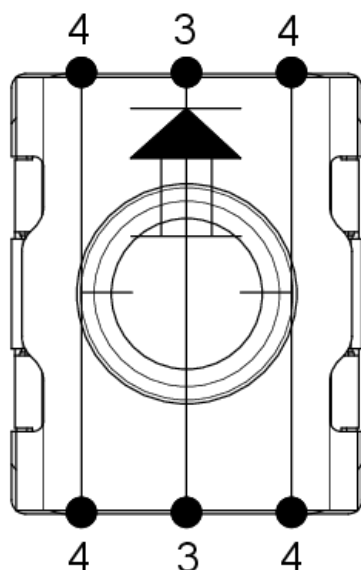


PCB drawing



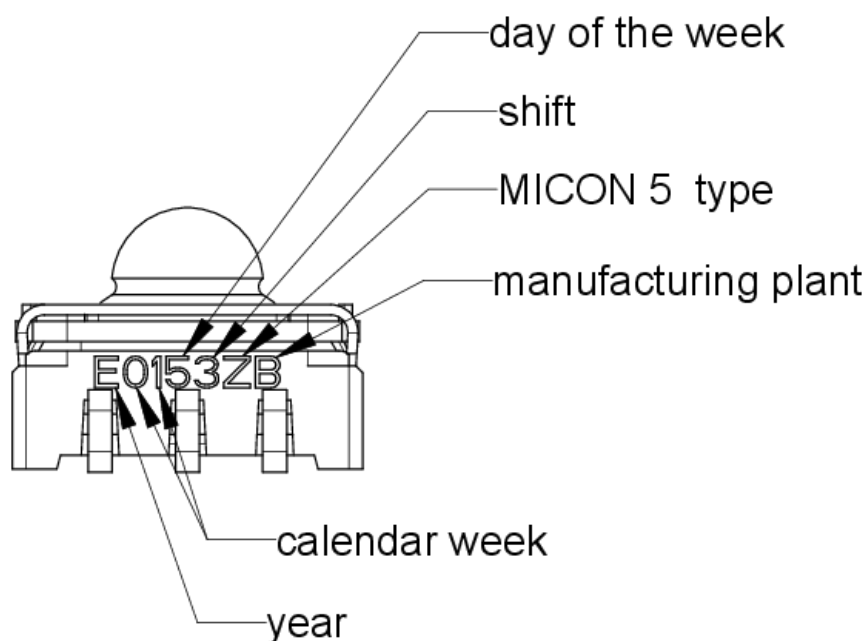
MICON 5 THT

Schematic diagram



Circuit symbol according
to IEC 617

Product labeling drawing





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