

MICON 5, THT standard, 5.5 ± 1.1 N, 1 NO

LBL_NRFND



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

CE

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

tech	nical	data
	mour	aaca

> general		
Operating temperature, min.	-40 °C	direct links
Operating temperature, max.	90 °C	> RAFI eCatalog
Storage temperature, min.	-40 °C	
Storage temperature, max.	90 °C	
illuminated	No	
Soldering	Manual / wave	
Solder heat resistance according	DIN EN 60068-2-20	
to standard		
Packaging	Tube	

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	Packaging unit	102 pcs.
	net weight	0.1 g
	Operating life	1,000,000 cycles
	B10	1,300,000 cycles
	MSL Moisture Sensitivity Level	1
	Shock resistance according to standard IEC 60068-2-27	100 g at 6 ms amplitude semi-sinusoidal
	oscillation restistance according to standard IEC 60068-2-6	5 g at 10500 Hz
	MOQ order	510 pcs.
	RoHS compliant	Yes
	REACH compliant	Yes
>	mounting diameters	
	Outside dimension, length	6.4 ± 0.1 mm
	Outside dimension, width	5.1 ± 0.1 mm
	Installation height	3.85 ± 0.1 mm
	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 SPST - Single Pole Single Throw
	Contact material	Gold
	Solderability	Yes
	Terminal on the rear	ТНТ
>	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

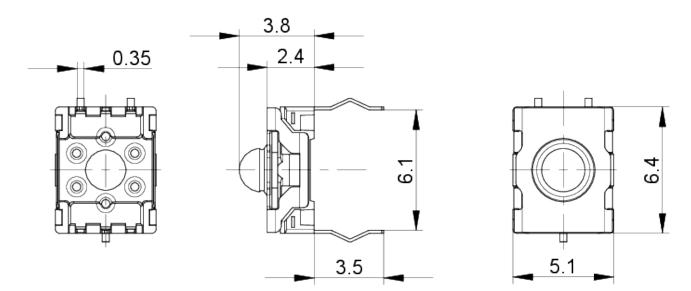
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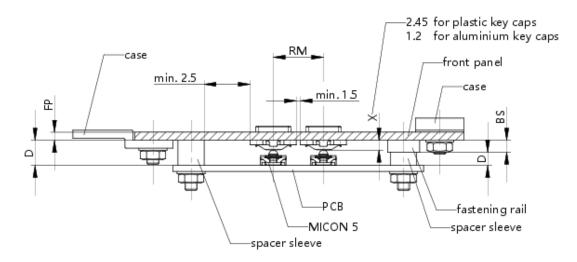


drawings

Dimensioned drawing



System drawing

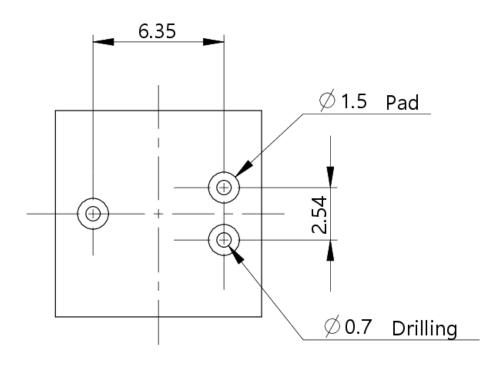


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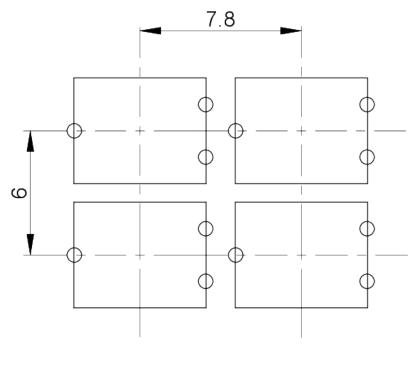




PCB drawing



PCB drawing



MICON 5 THT

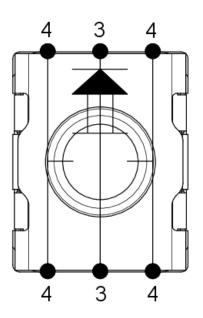
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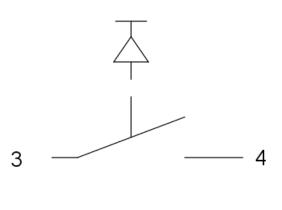
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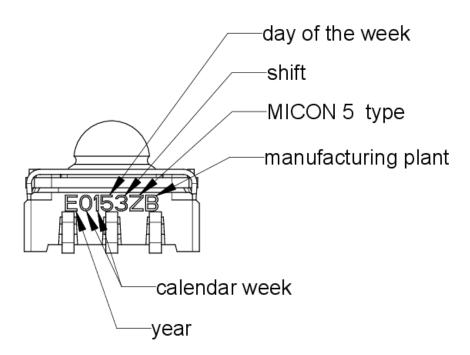
Schematic diagram





Circuit symbol according to IEC 617

Product labeling drawing



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