

MICON 5, SMT low, 3 N



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 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, SMT nieder mit einer Bauhöhe von nur 3,45 mm Verarbeitungshinweis: Sonderpipette (Siemens Siplace Best.-Nr. 348514-02) Bestückung mit Revolverkopf. Vorschlag für Schablonendruck: 150 ?m-Schablone mit 10% Pad-Verkleinerung auf Fläche

technical data

> general		
illuminated	No	direct links
Operating temperature, min.	-40 °C	➤ RAFI eCatalog
Operating temperature, max.	90 °C	
Storage temperature, min.	-40 °C	
Storage temperature, max.	90 °C	
Soldering	Reflow	

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technical data sheet

Dielectric strength

1.14.002.103/0000



	Solder heat resistance according	DIN EN 60068-2-58
	to standard	
	Packaging	Blister
	Packaging unit	2,100 pcs.
	Operating life	1,000,000 Cycles
	RoHS compliant	Yes
	REACH compliant	Yes
	oscillation restistance according	5 g at 10500 Hz
	to standard IEC 60068-2-6	
>	mounting diameters	
	Installation height	3.45 mm
	Grid, min.	6 x 7,8 mm
	Outside dimension, length	6.4 mm
	Outside dimension, width	5.1 mm
	Outside dimension, height	3.45 mm
>	mechanical data	
>	Actuation function	momentary contact function
>		momentary contact function 3 N
>	Actuation function	
>	Actuation function Operating force, min.	3 N
>	Actuation function Operating force, min. Switching travel	3 N 0.6 mm
>	Actuation function Operating force, min. Switching travel Contact function	3 N 0.6 mm 1 NO
>	Actuation function Operating force, min. Switching travel Contact function Contact system	3 N 0.6 mm 1 NO Snap-action contact
>	Actuation function Operating force, min. Switching travel Contact function Contact system Contact material	3 N 0.6 mm 1 NO Snap-action contact Gold
	Actuation function Operating force, min. Switching travel Contact function Contact system Contact material Terminal on the rear	3 N 0.6 mm 1 NO Snap-action contact Gold SMT
	Actuation function Operating force, min. Switching travel Contact function Contact system Contact material Terminal on the rear Lötbarkeit	3 N 0.6 mm 1 NO Snap-action contact Gold SMT
	Actuation function Operating force, min. Switching travel Contact function Contact system Contact material Terminal on the rear Lötbarkeit electrical data	3 N 0.6 mm 1 NO Snap-action contact Gold SMT Yes
	Actuation function Operating force, min. Switching travel Contact function Contact system Contact material Terminal on the rear Lötbarkeit electrical data Rated voltage, min.	3 N 0.6 mm 1 NO Snap-action contact Gold SMT Yes
	Actuation function Operating force, min. Switching travel Contact function Contact system Contact material Terminal on the rear Lötbarkeit electrical data Rated voltage, min. Rated voltage, max.	3 N 0.6 mm 1 NO Snap-action contact Gold SMT Yes 0.02 V 35 V
	Actuation function Operating force, min. Switching travel Contact function Contact system Contact material Terminal on the rear Lötbarkeit electrical data Rated voltage, min. Rated voltage, max. Rated current, min.	3 N 0.6 mm 1 NO Snap-action contact Gold SMT Yes 0.02 V 35 V 0 A

250 V

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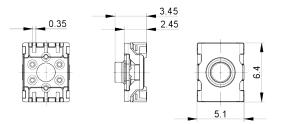
technical data sheet

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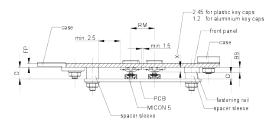


drawings

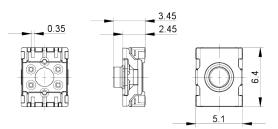
Dimensioned drawing



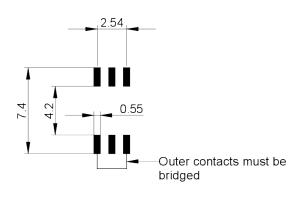
System drawing



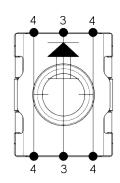
Dimensioned drawing

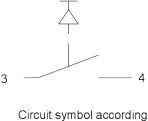


PCB drawing



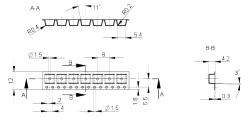
Schematic diagram





Circuit symbol according to IEC 617

Packaging drawing

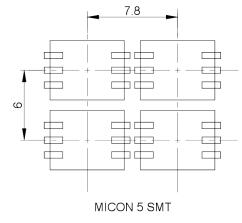


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PCB drawing

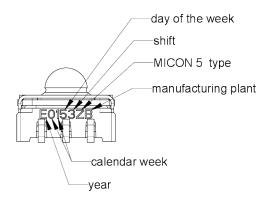


Product labeling drawing

technical data sheet







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