

RS 76 MX - Full-travel key switch, fully illuminable, momentary

3.13.002.922/0000

For accessories, refer to RS 76 special accessories.

For keycaps, see fully illuminated keycaps for RS 76.



The SMT LEDs are soldered on the back of the printed circuit board and shine through openings in the board and key switch housing.

General information

Recommended key grid	19.05 mm
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Mechanical design

Mounting	soldering
Contact function	momentary
Terminals	solder terminals, tin-plated
Contact system	bridge contact
Contact arrangement	1 NO
Contact materials	Au alloy
Illumination	2 SMT LED needed

Mechanical characteristics

Operating force max.	1 N
Operating travel	4 mm
Switching travel	1.5 - 2.8 mm
Robustness max.	100 N

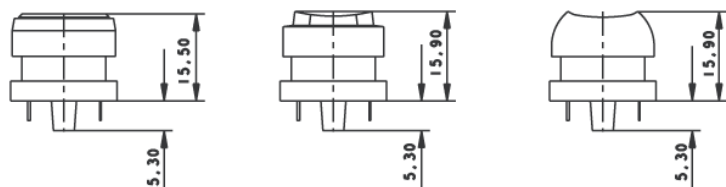
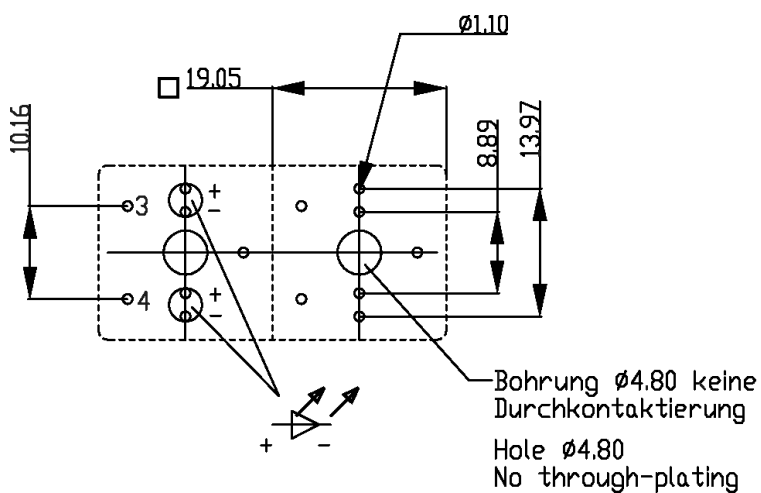
Electrical characteristics

Rated voltage min.	2 V
Rated voltage max.	35 V
Rated current min.	0.01 mA
Rated current max.	100 mA
Rated power max.	1 W
Contact resistance when new max.	200 mΩ
Contact resistance acc. to life max.	3 Ω
Insulation resistance	10 ⁹ Ω
ESD strength max.	8 kV
Bouncing time max.	10 ms

Other specifications

Ambient temp. operating min.	-25 °C
Ambient temp. operating max.	+70 °C
Storage temperature min.	-40 °C
Storage temperature max. (product)	+80 °C

Storage temperature max. (rail)	+50 °C
Environmental resistance	acc. to IEC 60068-2-14, -30, -33 and -78
Operating life min. (operations)	10 ⁷ momentary, 10 ⁵ latching cycle
Degree of protection	IP40 (DIN EN 60529)
Flammability of materials	UL 94 HB
ROHS compliant	yes
REACH compliant	yes



RS 76MX, Rückseite Leiterplatte

