RS 76 C - Full-travel key switch, not illuminable

3.13.001.210/0000

Recommended for use of multi-module keycaps.

For accessories and keycaps, refer to RS 76.

General information	
Recommended key grid	19.05 mm
Mechanical design	
Contact function	momentary
Mounting	soldering
Terminals	solder terminals, tin-plated
Contact system	contactless with Hall-IC
Illumination	no
Mechanical characteristics	
Switching travel off	0.8 2.4 mm
Operating force max.	1 N
Operating travel	4 mm
Switching travel on	1.5 - 2.8 mm
Robustness max.	100 N
Electrical characteristics	
Operating voltage DC	4.75 5.25 V
Supply current max. at U _{IL} = 0 V	
	0.5 mA
Supply current max. at U_{IH} = 5 V	5 mA
Input voltage (F) at U _{IL} = 0 V	
	0.4 V
Input voltage (F) at U _{IH} = 2.4V	5.05.1/
	5.25 V
Output load current (Q) max.	<u>16 mA</u>
Output residual current (Q) max.	<u>10 μA</u>
Output saturation voltage (Q) max. bei 16 mA	0.4 V
ESD strength max.	8 kV
Output switching times (Q) at 25 °C, t _{PHL}	3 µs
Output switching times (Q) at 25 °C, t_{PLH}	4 µs
Output switching times (Q) at 25 °C, t _{THL}	
Output switching times (Q) at 25 °C, t _{TLH}	<u>1 µs</u>
	2 µs

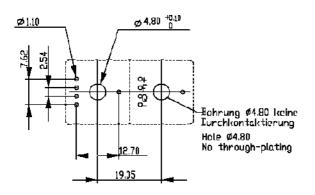
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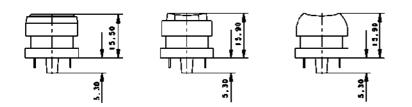


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Other specifications

Reliability of Hall-IC at 25 °C	$\lambda = 2.5 \times 10^{-7} h^{-1}$
Ambient temp. operating min.	O°O
Ambient temp. operating max.	+70 °C
Storage temperature min.	-40 °C
Storage temperature max. (product)	+80 °C
Storage temperature max. (rail)	+50 °C
Environmental restistance	acc. to IEC 60068-2-14, -30, -33 and -78
Operating life min. (operations)	10 ⁸ cycle
Degree of protection	IP40 (DIN EN 60529)
Flammability of materials	UL 94 HB
ROHS compliant	yes
REACH compliant	yes





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