

MS-208-3



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Ultraminiature Reed Sensor

Electrical Characteristics		@ 25 °C
Contact form		A
Contact rating max.	W / VA	5
Switching voltage max.	VDC	175
	VAC	140
Switching current max.	A	0.35
Carry current max.	A	0.5
Breakdown voltage min.	VDC	230
Total resistance max. (initial)	mΩ	500
Insulation resistance min.	Ω	10 ⁶

Features
➤ Ultra miniature size
➤ Not ESD sensitive
➤ Various sensitivity ranges available

Magnetical Characteristics (of unmodified Reed Switch)		@ 25 °C
Pull in range available	AT	5 - 15
Drop out min.	AT	2
Test coil	TC -	004
Test equipment tolerance	± AT	1

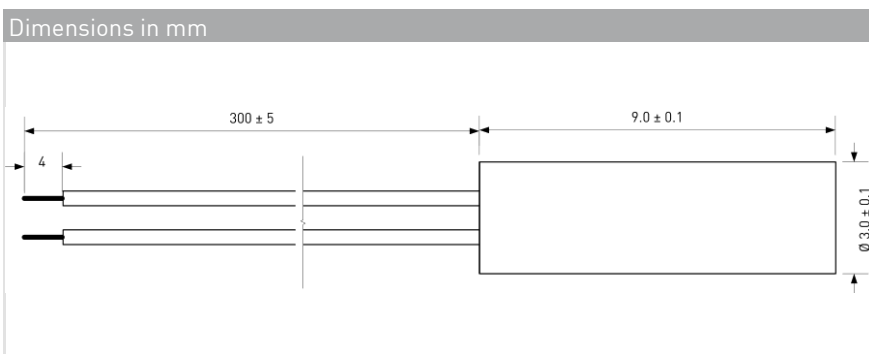
Approvals

Operating Characteristics (of unmodified Reed Switch)		@ 25 °C
Switching frequency max.	Hz	500
Resonant frequency typ.	Hz	21300
Operate time max. (incl. bounce)	ms	0.35
Release time max.	ms	0.2

Environmental Characteristics		
Operating temperature	°C	-20 to + 85
Vibration (50-2000 Hz)	g	10
Shock (1/2 sin 11 ms)	g	30

Ordering Information	
Packing Unit	50 pcs
Weight per piece	1.55 g
Weight per package	85 g
Standard AT Ranges	
0	= 5 to 10 AT
1	= 10 to 15 AT

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Ordering Example
MS208310300 describes MS-208-3 with 10-15 AT and 300 mm cable length

Remarks
When mounted onto ferromagnetic parts switching distance of MS-208-3 may reduce. Electromagnetical influences and magnetic fields may change the switching behaviour of the sensor.

Material Information		
Housing	Material ABS	Colour black
Cable	UL 1685, AWG 30, 4 mm stripped and tinned	black