

# Reed Switch

## Sub Miniature & Tiny Switches

### Form A

These tiny reed switches are designed for low power and high speed switching with maximum sensitivity. Their extremely small size make them ideal for Dual In Line packages, or magnet operation.

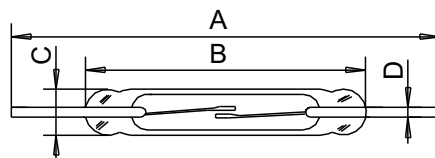
### Form A

- Small physical size.
- Centre or offset contact configurations.
- High speed switching.

			NORMALLY OPEN						
			Sub-Miniature Normally Open			Tiny Size Normally Open		Very Tiny	
Parameters	Type		SRA200G	SRA258	SRA260G	TRA211G	TRA291G	TRA294G	VDA200H
Contact form			A	A	A	A	*A	A	A
Contact material			Rh	Rh	Rh	Rh	Rh	Rh	Durel
Switching capacity	max.	W/VA	12	12	40	1	10	10	.25
Switching voltage	max.	VAC/DC	230	230	230	24	100	150	30
Switching current	max.	A	1.0	1.0	2.0	0.1	0.3	.5	0.01
Carrying current	max.	A	2.0	2.0	3.0	0.3	1.0	1.0	-
Dielectric strength	min.	VDC	400	400	400	150	200	250	150
Initial Contact resistance	max.	mohms	100	100	80	150	150	150	500
Insulation resistance	min.	ohms	10 <sup>11</sup>	10 <sup>14</sup>	10 <sup>11</sup>	10 <sup>9</sup>	10 <sup>9</sup>	10 <sup>10</sup>	10 <sup>9</sup>
Operate sensitivity	range	AT	20...50	20...50	30...50	10..30	10..40	15...35	5...20
Release sensitivity	min.	AT	5	5	15	5	5	5	3
Operate time									
including bounce	max.	ms	2.5	2.5	2.5	0.6	0.8	2.0	0.2
Bounce time	max.	ms	0.5	0.5	0.5	0.3	0.5	0.2	0.08
Release time	max.	ms	0.10	0.10	0.10	0.05	0.05	0.05	0.05
Resonant frequency	typ.	Hz	2,900	2,900	4,200	7,500	2750	5,000	-
Operating frequency	max.	Hz	200	200	300	500	500	200	-
Vibration	35 g	Hz	2,000	2,000	2,000	2,000	-	2,000	-
Shock	11ms	g	50	50	50	30	30	50	-
Capacitance	typ.	pF	0.5	0.5	0.5	0.2	0.3	0.7	0.2
Operating temperature range	°C		-40...+150			-40...+125		-40...+150	-40...+125

Dimensions									
Total length	A max.	mm	55.0	55.0	55.0	36.0	44.5	55.0	26.7
Glass length	B max.	mm	19.0	19.0	19.0	10.0	13.0	14.1	5.4
Glass diameter	C max.	mm	2.6	2.6	2.6	2.0	2.3	2.3	1.4
Wire diameter	D nom.	mm	0.55	0.55	0.70	0.40	0.35x0.6	0.50	0.25

\* Offset Contact Configuration



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