Radio Frequency Reed Relays

- 0.5A RF at 1-30MHz
- 1.5kV Isolation
- Long Lifetime
- 1" Package
- · Customising Facility

Miniature Screened 0.5A, 1.5kV 2 Series

A sub-miniature package for RF applications in the 1-30MHz band. The use of vacuum reed switches with rhodium contacts offers high isolation voltages, low contact resistance and long operating lifetime. Additional RF screening is available to further enhance RF performance for more demanding applications.

Available with switch connections via PCB only.

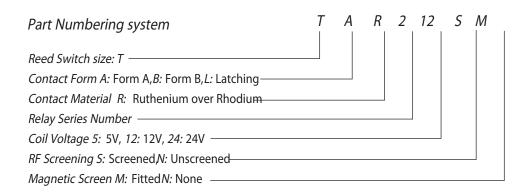


Available as Form A (SPNO), Form B (SPNC) or latching (bistable) contact configurations

DC or AC rms max DC or AC peak max DC max DC or AC peak max DC or AC peak coil/screen grounded as dry switching as 10W switching maximum (typical) minimum (typical)	*Ruthenium 1.0 0.5 10 300 1.5 <0.4 910 810 200 10 (10013)	*Ruthenium 1.0 0.5 10 300 1.5 <0.4 10 ⁹ 10 ⁸ 200 10 ¹⁰ (10 ¹³)	*Ruthenium 1.0 0.5 10 300 1.5 <0.4 10 ⁹ 10 ⁸ 200
DC or AC peak max DC max DC or AC peak max DC or AC peak coil/screen grounded as dry switching as 10W switching maximum (typical)	0.5 10 300 1.5 <0.4 910 810	0.5 10 300 1.5 <0.4 10 ⁹ 10 ⁸ 200	0.5 10 300 1.5 <0.4 10 ⁹ 10 ⁸ 200
DC max DC or AC peak max DC or AC peak coil/screen grounded as dry switching as 10W switching maximum (typical)	10 300 1.5 <0.4 910 810 200	10 300 1.5 <0.4 10 ⁹ 10 ⁸ 200	10 300 1.5 <0.4 10 ⁹ 10 ⁸ 200
DC or AC peak max DC or AC peak coil/screen grounded as dry switching as 10W switching maximum (typical)	300 1.5 <0.4 910 810 200	300 1.5 <0.4 10 ⁹ 10 ⁸ 200	300 1.5 <0.4 10 ⁹ 10 ⁸ 200
DC or AC peak coil/screen grounded ns dry switching ns 10W switching maximum (typical)	1.5 <0.4 ⁹ 10 ⁸ 10 200	1.5 <0.4 10 ⁹ 10 ⁸ 200	1.5 <0.4 10 ⁹ 10 ⁸ 200
coil/screen grounded ns dry switching ns 10W switching maximum (typical)	<0.4 ⁹ 10 ⁸ 10 200	<0.4 10 ⁹ 10 ⁸ 200	<0.4 10 ⁹ 10 ⁸ 200
ns dry switching ns 10W switching maximum (typical)	⁹ 10 ⁸ 10 200	10 ⁹ 10 ⁸ 200	10 ⁹ 10 ⁸ 200
ns 10W switching maximum (typical)	⁸ 10 200	10 ⁸ 200	10 ⁸ 200
maximum (typical)	200	200	200
•			
minimum (typical)	¹⁰ (10 0 ¹³)	10 ¹⁰ (10 ¹³)	. 10 12:
			10 ¹⁰ (10 ¹³)
	12V	12V	12V
DC, 20°C	8	8	7
DC, 20°C	2	2	N/A
	N/A	N/A	4.0
	1.0	1.0	1.0
diode fitted	0.5	0.5	0.5
20°C	200	900	1530
DC or AC peak	1.5	1.5	1.5
	-40 to +100	-40 to +100	-40 to +100
	-40 to +125	-40 to +125	-40 to +125
			22
		-40 to +125	



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See website for application notes and latest data

