

SIP/SD Series

- Industry standard footprint
- High power contacts on some models
- UL models available



勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

Coil Ratings

Part Number	Nominal Voltage (VDC)	Coil Resistance (ohms) $\pm 10\%$	Operate Voltage (VDC) max.	Release Voltage (VDC) min.	Schematics
SD1A**AWJ SD1A**CWJ	5	500	3.8	0.5	
	12	500	9.0	1.0	
	24	2000	18.0	2.0	
SD1A**DWJ	5	500	3.8	0.5	
	12	500	9.0	1.0	
	24	2000	18.0	2.0	
SD1C**FWN	5	200	3.8	0.5	
	12	500	9.0	1.0	
	24	2000	18.0	2.0	

TAMB. = +20°C

(M.S.) : Magnetic Shield

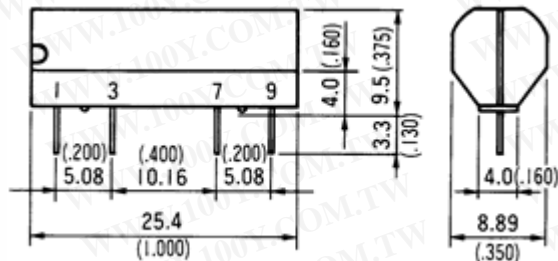
Contact Ratings

Parameters		SD1A**AWJ	SD1A**CWJ	SD1A**DWJ	SD1C**FWN
Power (W) max.		10	50	25	3
Voltage (VDC) max.		200	200	1000	100
Switching Current (A) max.		0.5	1.0	1.0	0.25
Carry Current (A) max.		1.0	2.0	2.0	0.5
Contact Resistance (ohms) max. (initial)		0.2	0.2	0.2	0.2
Breakdown Voltage (VDC) min.	Open Contact	250	300	1500	200
	Contact to Coil	1500	1500	1500	1500
Insulation Resistance (ohms) min.	Open Contact	10^{10}	10^{10}	10^{10}	10^8
	Contact to Coil	10^{10}	10^{10}	10^{10}	10^{10}
Operate Time (mS) max (incl. bounce)		1.0	1.0	1.0	2.0
Release Time (mS) max.		0.5	0.5	0.5	2.5
Electrical Life	Low Level	10^8 (10mVDC, 10μA)			5×10^6 (10VDC, 4mA)
	Rated Load	6×10^5 (20VDC, 0.5A)	5×10^5 (200VDC, 0.25A)	2×10^6 (1000VDC, 10mA)	2×10^6 (12VDC, 0.25A)

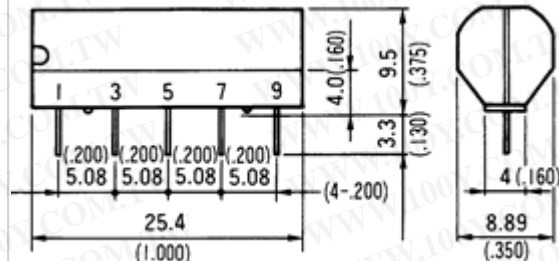
(resistive loads)

Dimensions

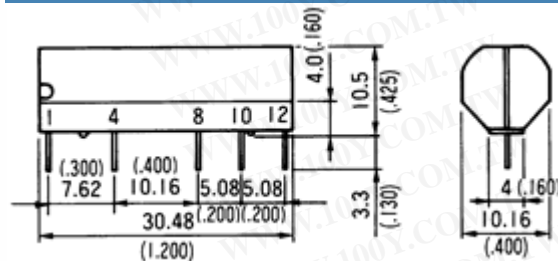
SD1A



SD1C



SD1A - With Electrostatic Shield



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