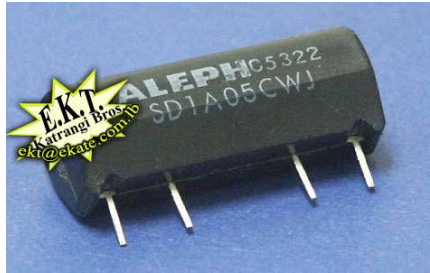


Reed Relay Alephc5322

Model:SD1A05CWJ



Specification:

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 12 24	500 500 2000	3.8 9.0 18.0	0.5 1.0 2.0	
SD1A**DWJ	5 12 24	500 500 2000	3.8 9.0 18.0	0.5 1.0 2.0	
SD1C**FWN	5 12 24	200 500 2000	3.8 9.0 18.0	0.5 1.0 2.0	

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 X 10 ⁶ (10VDC, 4mA)
	Rated Load	6 X 10 ⁵ (20VDC, 0.5A)	5 X 10 ⁵ (200VDC, 0.25A)	2 X 10 ⁶ (1000VDC, 10mA)	2 X 10 ⁶ (12VDC, 0.25A)

Dimensions	
SD1A	SD1C
Technical drawing of SD1A component. The top view shows a rectangular component with dimensions: 25.4 (1.000) in length and 9.5 (375) in width. The width is divided into 4.0 (.160) and 3.3 (.130). The length is divided into segments of 5.08, 10.16, and 5.08. The side view shows a component with a width of 8.89 (.350) and a height of 4.0 (.160).	Technical drawing of SD1C component. The top view shows a rectangular component with dimensions: 25.4 (1.000) in length and 9.5 (375) in width. The width is divided into 4.0 (.160) and 3.3 (.130). The length is divided into segments of 5.08, 5.08, 5.08, and 5.08. The side view shows a component with a width of 8.89 (.350) and a height of 4.0 (.160).
SD1A - With Electrostatic Shield	
Technical drawing of SD1A - With Electrostatic Shield component. The top view shows a rectangular component with dimensions: 30.48 (1.200) in length and 10.5 (.425) in width. The width is divided into 4.0 (.160) and 3.3 (.130). The length is divided into segments of 7.62, 10.16, and 5.08. The side view shows a component with a width of 10.16 (.400) and a height of 4.0 (.160).	

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