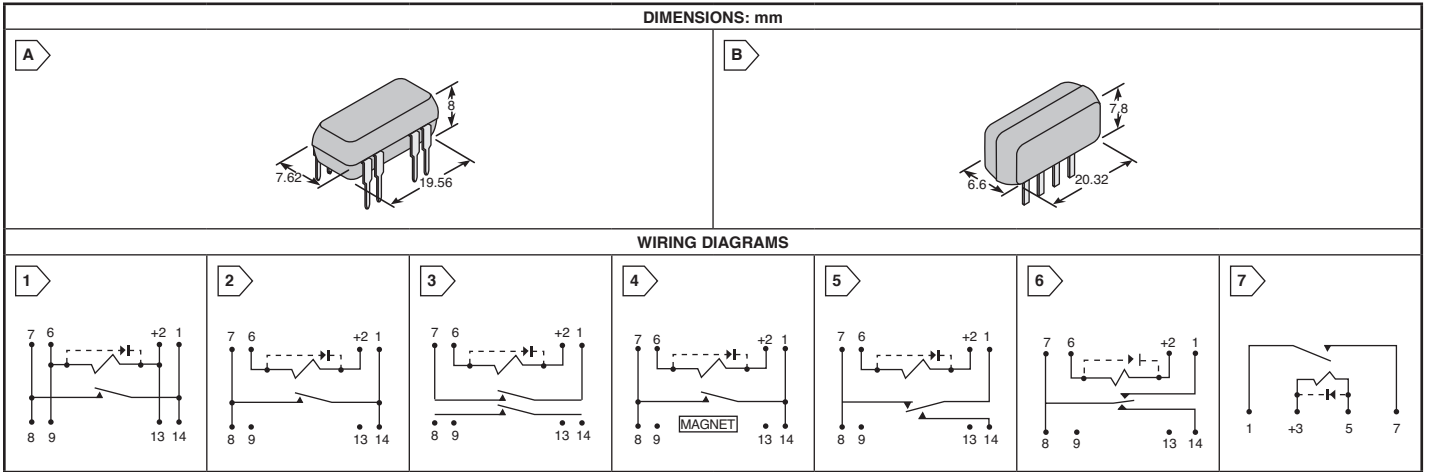


# P&B Reed Relays



## JWD SERIES: DIP DRY REED RELAYS

**Specifications:**

- Contact Material: Ruthenium
- Mechanical Life: 100 million operations
- Maximum Switched Current: 500mA
- Operating Time (including bounce): 1.5ms max.
- Release Time (including bounce): 0.5ms max
- 14-pin DIP



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	P&B Part No.	Fig.	Contact Form	Max. Switched Power	Suppression Diode	Nominal Voltage	Must Operate Voltage	Must Release Voltage	Max. Voltage	Coil Res. (Ω)	Nominal Current	Price Each			
												1	25	50	100
655-JWD-107-1	JWD-107-1	A1	SPST-NO	10W	No	5/6VDC	3.8VDC	0.5VDC	19VDC	500	50/72mW	5.57	4.87	4.39	3.47
655-JWD-107-5	JWD-107-5	A1	SPST-NO	10W	Yes	5/6VDC	3.8VDC	0.5VDC	19VDC	500	50/72mW	7.34	6.42	5.81	6.29
655-JWD-107-3	JWD-107-3	A1	SPST-NO	10W	No	12VDC	9.6VDC	1.0VDC	19VDC	1200	120mW	6.31	5.52	4.99	3.94
655-JWD-107-7	JWD-107-7	A1	SPST-NO	10W	Yes	12VDC	9.6VDC	1.0VDC	19VDC	1200	120mW	6.34	5.55	5.02	4.41
655-JWD-171-5	JWD-171-5	A2	SPST-NO	10W	No	24VDC	19.2VDC	2.0VDC	40VDC	2150	268mW	10.47	9.63	8.72	6.88
655-JWD-171-10	JWD-171-10	A2	SPST-NO	10W	Yes	24VDC	19.2VDC	2.0VDC	40VDC	2150	268mW	6.81	6.11	5.66	5.17
655-JWD-171-25	JWD-171-25	A3	DPST-NO	10W	Yes	5/6VDC	3.8VDC	0.5VDC	14VDC	200	125/180mW	8.88	7.76	7.02	6.15
655-JWD-171-23	JWD-171-23	A3	DPST-NO	10W	No	12VDC	9.6VDC	1.0VDC	19VDC	500	288mW	10.80	9.45	8.55	6.75
655-JWD-171-27	JWD-171-27	A3	DPST-NO	10W	Yes	12VDC	9.6VDC	1.0VDC	19VDC	500	288mW	11.83	10.35	9.35	7.39
655-JWD-171-24	JWD-171-24	A3	DPST-NO	10W	No	24VDC	19.2VDC	2.0VDC	40VDC	2200	262mW	10.07	8.81	7.97	6.29
655-JWD-171-28	JWD-171-28	A3	DPST-NO	10W	Yes	24VDC	19.2VDC	2.0VDC	40VDC	2200	262mW	12.07	10.56	9.55	7.54
655-JWD-171-12	JWD-171-12	A4	SPST-NC	10W	No	5/6VDC	3.8VDC	0.5VDC	7VDC	500	50/72mW	9.45	8.26	7.47	5.91
655-JWD-171-17	JWD-171-17	A4	SPST-NC	10W	Yes	5/6VDC	3.8VDC	0.5VDC	7VDC	500	50/72mW	8.29	7.25	6.56	6.10
655-JWD-171-14	JWD-171-14	A4	SPST-NC	10W	No	12VDC	9.6VDC	1.0VDC	16VDC	1200	120mW	8.07	7.06	6.38	5.05
655-JWD-171-19	JWD-171-19	A4	SPST-NC	10W	Yes	12VDC	9.6VDC	1.0VDC	16VDC	1200	120mW	11.18	9.78	8.85	6.99
655-JWD-171-15	JWD-171-15	A4	SPST-NC	10W	No	24VDC	19.2VDC	2.0VDC	40VDC	2200	262mW	11.41	10.05	9.10	8.14
655-JWD-172-1	JWD-172-1	A5	SPDT	3W	No	5/6VDC	3.8VDC	0.5VDC	12VDC	200	125/180mW	10.34	9.04	8.18	6.45
655-JWD-172-5	JWD-172-5	A5	SPDT	3W	Yes	5/6VDC	3.8VDC	0.5VDC	12VDC	200	125/180mW	10.85	9.53	8.62	6.81
655-JWD-172-3	JWD-172-3	A5	SPDT	3W	No	12VDC	9.6VDC	1.0VDC	19VDC	500	288mW	12.15	10.63	9.62	7.59
655-JWD-172-7	JWD-172-7	A5	SPDT	3W	Yes	12VDC	9.6VDC	1.0VDC	19VDC	500	288mW	12.61	11.06	9.93	7.96
655-JWD-172-4	JWD-172-4	A5	SPDT	3W	No	24VDC	19.2VDC	2.0VDC	38VDC	2200	262mW	12.74	11.15	10.08	7.96
655-JWD-172-8	JWD-172-8	A5	SPDT	3W	Yes	24VDC	19.2VDC	2.0VDC	38VDC	2200	262mW	11.58	10.13	9.17	7.24
655-JWD-172-155	JWD-172-155	A6	SPDT	3W	No	5/6VDC	3.8VDC	0.5VDC	12VDC	200	125/180mW	12.37	10.80	9.79	7.72
655-JWD-172-159	JWD-172-159	A6	SPDT	3W	Yes	5/6VDC	3.8VDC	0.5VDC	12VDC	200	125/180mW	13.76	12.01	10.89	8.57
655-JWD-172-161	JWD-172-161	A6	SPDT	3W	Yes	12VDC	9.6VDC	1.0VDC	19VDC	1000	144mW	12.72	11.11	10.06	7.93
655-JWD-172-158	JWD-172-158	A6	SPDT	3W	No	24VDC	19.2VDC	2.0VDC	38VDC	2150	268mW	12.37	10.80	9.79	7.72
655-JWD-172-162	JWD-172-162	A6	SPDT	3W	Yes	24VDC	19.2VDC	2.0VDC	38VDC	2150	268mW	12.72	11.11	10.06	7.93

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- Mechanical Life: 100 million operations
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- Release Time (including bounce): 0.5ms max.



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MOUSER STOCK NO.	P&B Part No.	Fig.	Contact Form	Max. Switched Power	Suppression Diode	Nominal Voltage	Must Operate Voltage	Must Release Voltage	Max. Voltage	Coil Res. (Ω)	Nominal Current	Price Each			
												1	25	50	100
655-JWS-117-1	JWS-117-1	B7	SPST-NO	10W	No	5VDC	3.8VDC	0.5VDC	16VDC	500	50mW	6.89	6.02	5.45	4.30
655-JWS-117-3	JWS-117-3	B7	SPST-NO	10W	No	12VDC	9.6VDC	1.0VDC	19VDC	530	272mW	9.59	8.38	7.59	5.99
655-JWS-117-5	JWS-117-5	B7	SPST-NO	10W	No	24VDC	19.2VDC	2.0VDC	36VDC	2150	268mW	6.89	6.02	5.45	4.30