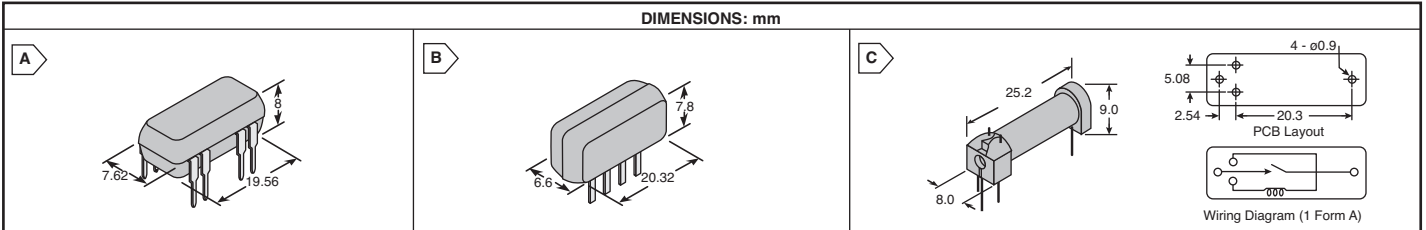
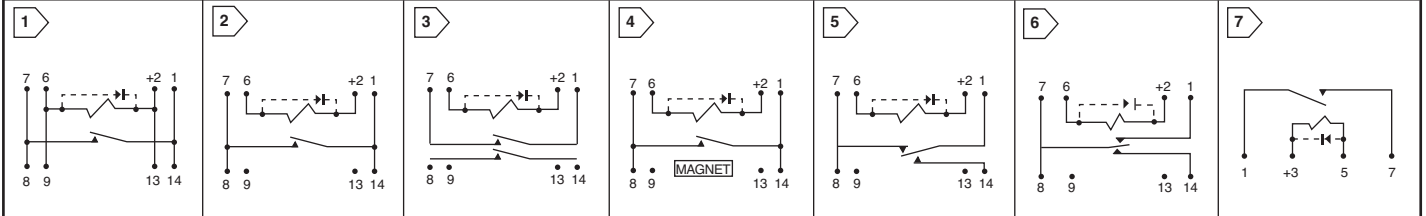


# TYCO ELECTRONICS Reed Relays

## DIMENSIONS: mm



## WIRING DIAGRAMS



## 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 of 200 and up, call for quote.

MOUSER STOCK NO.	Tyco Electronics 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	4.39	3.92	3.61	2.84
655-JWD-107-5	JWD-107-5	A1	SPST-NO	10W	Yes	5/6VDC	3.8VDC	0.5VDC	19VDC	500	50/72mW	4.93	4.68	4.36	3.41
655-JWD-107-3	JWD-107-3	A1	SPST-NO	10W	No	12VDC	9.6VDC	1.0VDC	19VDC	1200	120mW	3.60	3.43	3.24	2.79
655-JWD-107-7	JWD-107-7	A1	SPST-NO	10W	Yes	12VDC	9.6VDC	1.0VDC	19VDC	1200	120mW	4.47	4.25	4.02	3.40
655-JWD-171-5	JWD-171-5	A2	SPST-NO	10W	No	24VDC	19.2VDC	2.0VDC	40VDC	2150	268mW	7.12	6.73	6.08	4.79
655-JWD-171-10	JWD-171-10	A2	SPST-NO	10W	Yes	24VDC	19.2VDC	2.0VDC	40VDC	2150	268mW	5.29	5.05	4.65	3.69
655-JWD-171-21	JWD-171-21	A3	DPST-NO	10W	No	5/6VDC	3.8VDC	0.5VDC	14VDC	200	125/180mW	6.14	5.84	5.23	4.60
655-JWD-171-25	JWD-171-25	A3	DPST-NO	10W	Yes	5/6VDC	3.8VDC	0.5VDC	14VDC	200	125/180mW	6.42	6.10	5.67	4.83
655-JWD-171-23	JWD-171-23	A3	DPST-NO	10W	No	12VDC	9.6VDC	1.0VDC	19VDC	500	288mW	5.85	5.06	4.76	4.30
655-JWD-171-27	JWD-171-27	A3	DPST-NO	10W	Yes	12VDC	9.6VDC	1.0VDC	19VDC	500	288mW	6.42	6.09	5.90	4.83
655-JWD-171-24	JWD-171-24	A3	DPST-NO	10W	No	24VDC	19.2VDC	2.0VDC	40VDC	2200	262mW	7.68	6.70	5.88	4.75
655-JWD-171-28	JWD-171-28	A3	DPST-NO	10W	Yes	24VDC	19.2VDC	2.0VDC	40VDC	2200	262mW	6.42	6.04	5.55	4.76
655-JWD-171-12	JWD-171-12	A4	SPST-NC	10W	No	5/6VDC	3.8VDC	0.5VDC	7VDC	500	50/72mW	8.38	7.62	6.76	6.23
655-JWD-171-17	JWD-171-17	A4	SPST-NC	10W	Yes	5/6VDC	3.8VDC	0.5VDC	7VDC	500	50/72mW	6.09	5.59	5.19	4.45
655-JWD-171-14	JWD-171-14	A4	SPST-NC	10W	No	12VDC	9.6VDC	1.0VDC	16VDC	1200	120mW	7.92	7.21	6.76	6.23
655-JWD-171-19	JWD-171-19	A4	SPST-NC	10W	Yes	12VDC	9.6VDC	1.0VDC	16VDC	1200	120mW	7.57	6.89	6.27	6.00
655-JWD-171-15	JWD-171-15	A4	SPST-NC	10W	No	24VDC	19.2VDC	2.0VDC	40VDC	2200	262mW	8.76	7.82	7.12	6.44
655-JWD-171-20	JWD-171-20	A4	SPST-NC	10W	Yes	24VDC	19.2VDC	2.0VDC	40VDC	2200	262mW	7.57	6.89	6.27	6.00
655-JWD-172-1	JWD-172-1	A5	SPDT	3W	No	5/6VDC	3.8VDC	0.5VDC	12VDC	200	125/180mW	7.68	7.00	6.57	5.58
655-JWD-172-5	JWD-172-5	A5	SPDT	3W	Yes	5/6VDC	3.8VDC	0.5VDC	12VDC	200	125/180mW	7.74	7.05	6.52	5.59
655-JWD-172-3	JWD-172-3	A5	SPDT	3W	No	12VDC	9.6VDC	1.0VDC	19VDC	500	288mW	8.15	7.74	7.28	6.30
655-JWD-172-7	JWD-172-7	A5	SPDT	3W	Yes	12VDC	9.6VDC	1.0VDC	19VDC	500	288mW	9.01	8.13	7.58	6.51
655-JWD-172-4	JWD-172-4	A5	SPDT	3W	No	24VDC	19.2VDC	2.0VDC	38VDC	2200	262mW	8.56	7.76	7.28	6.49
655-JWD-172-8	JWD-172-8	A5	SPDT	3W	Yes	24VDC	19.2VDC	2.0VDC	38VDC	2200	262mW	9.30	8.20	7.35	5.80
655-JWD-172-155	JWD-172-155	A6	SPDT	3W	No	5/6VDC	3.8VDC	0.5VDC	12VDC	200	125/180mW	10.95	9.95	8.96	8.50
655-JWD-172-159	JWD-172-159	A6	SPDT	3W	Yes	5/6VDC	3.8VDC	0.5VDC	12VDC	200	125/180mW	10.64	9.68	8.79	7.99
655-JWD-172-161	JWD-172-161	A6	SPDT	3W	Yes	12VDC	9.6VDC	1.0VDC	19VDC	1000	144mW	11.45	10.41	9.21	8.52
655-JWD-172-158	JWD-172-158	A6	SPDT	3W	No	24VDC	19.2VDC	2.0VDC	38VDC	2150	268mW	10.74	9.77	8.87	8.20
655-JWD-172-162	JWD-172-162	A6	SPDT	3W	Yes	24VDC	19.2VDC	2.0VDC	38VDC	2150	268mW	13.59	11.86	10.43	6.96

Tyco Electronics Reed Relays

## JWS SERIES: SIP 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.



For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Tyco Electronics Part No.	Fig.	Contact Form	Max. Switched Power	Suppression Diode	Nominal Voltage	Must Operate Voltage	Must Release Voltage	Max. Voltage	Coil Res. (Ohm)	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	4.82	4.31	3.89	3.57
655-JWS-117-6	JWS-117-6	B7	SPST-NO	10W	Yes	5VDC	3.8VDC	0.5VDC	16VDC	500	50mW	8.02	7.77	7.18	6.95
655-JWS-117-3	JWS-117-3	B7	SPST-NO	10W	No	12VDC	9.6VDC	1.0VDC	19VDC	530	272mW	5.98	5.06	4.90	4.55
655-JWS-117-18	JWS-117-18	B7	SPST-NO	10W	Yes	12VDC	9.6VDC	1.0VDC	30VDC	1850	78mW	6.93	6.31	5.73	5.35
655-JWS-117-5	JWS-117-5	B7	SPST-NO	10W	No	24VDC	19.2VDC	2.0VDC	36VDC	2150	268mW	5.50	4.90	4.65	4.21

## OMR SERIES: DRY REED RELAYS

### Specifications:

- Small package
- Contact rating: 0.5A @ 120VAC
- Open, no cover
- Nominal power: 100 - 280mW
- Contact material: Rh, Ru

### Common Applications:

- Telecommunications
- Office machines



For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Tyco Electronics 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
677-OMR-106H	OMR-106H,V000	C	SPST-NO	10W	No	5/6VDC	3.5VDC	0.5VDC	60VDC	250	24mA	1.01	.88	.80	.60
677-OMR-112H	OMR-112H,V000	C	SPST-NO	10W	No	12VDC	8.4VDC	1.2VDC	60VDC	1050	11.4mA	2.10	1.99	1.89	1.50