



Magnetic Reed Switches

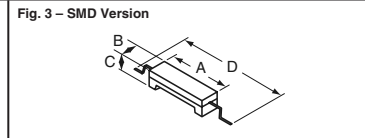
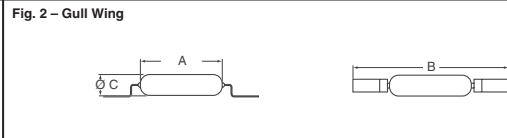
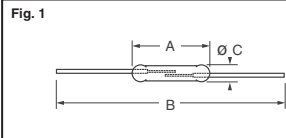


Fig.	Circuit	Ampere Turns	Maximum DC Contact Rating		Switching Current (A)	Carry Current (A)	Operate/Release (ms/µs)	Dimensions - Inches (mm)			Digi-Key Part No.	Price Each			Coto Part No.
			Watts	Volts				A	B	C		1	10	50	
1	SPST	14-23	10	200	0.5	1	.25/30	.591 (15)	1.811 (46)	.1 (2.54)	306-1168-ND	1.64	1.39	1.16	RI-01BAA
	SPST	16-25	10	200	0.5	1	.35/50	.531 (13.5)	1.811 (46)	.071 (1.8)	306-1169-ND	1.64	1.39	1.16	RI-01CA
	SPST	18-32	10	200	0.5	2.5	.25/30	.591 (15)	1.811 (46)	.1 (2.54)	306-1171-ND	1.78	1.50	1.26	RI-03A
	SPST	16-25	10	200	0.5	1.75	.25/30	.531 (13.5)	1.811 (46)	.071 (1.8)	306-1172-ND	1.78	1.50	1.26	RI-07AA
	SPST	18-32	10	200	0.5	2.5	.25/30	.591 (15)	1.811 (46)	.1 (2.54)	306-1188-ND	1.69	1.44	1.20	RI-21A
	SPST	18-32	10	200	0.5	2.5	.25/30	.591 (15)	1.811 (46)	.1 (2.54)	306-1087-ND	1.78	1.50	1.26	RI-23A
	SPST	14-23	10	200	0.5	1.5	.25/30	.591 (15)	1.811 (46)	.1 (2.54)	306-1086-ND	1.78	1.50	1.26	RI-23AA
	SPST	14-23	15	200	1	1.75	.25/30	.591 (15)	1.811 (46)	.1 (2.54)	306-1091-ND	1.69	1.44	1.20	RI-25AA
	SPST	8-16	10	200	0.75	1.5	.25/70	.591 (15)	1.811 (46)	.1 (2.54)	306-1090-ND	1.69	1.44	1.20	RI-25AAA
	SPST	28-52	25	200	1	2.75	.25/30	.591 (15)	1.811 (46)	.1 (2.54)	306-1093-ND	1.69	1.44	1.20	RI-25B
	SPST	46-70	25	200	1	3	.25/30	.591 (15)	1.811 (46)	.1 (2.54)	306-1094-ND	1.69	1.44	1.20	RI-25C
	SPST	20-34	10	200	0.5	1.75	.25/30	.531 (13.5)	1.811 (46)	.071 (1.8)	306-1082-ND	1.78	1.50	1.26	RI-27A
	SPST	16-25	10	200	0.5	1.75	.25/30	.531 (13.5)	1.811 (46)	.071 (1.8)	306-1081-ND	1.78	1.50	1.26	RI-27AA
	SPST	10-19	10	180	0.5	1.5	.25/30	.531 (13.5)	1.811 (46)	.071 (1.8)	306-1080-ND	1.78	1.50	1.26	RI-27AAA
	SPST	16-25	15	200	1	1.25	.25/30	.531 (13.5)	1.811 (46)	.071 (1.8)	306-1083-ND	1.78	1.50	1.26	RI-29AA
	SPST	10-19	30	200	0.75	2	.35/30	.807 (20.5)	2.157 (54.8)	.106 (2.7)	306-1098-ND	1.78	1.50	1.26	RI-46AA
	SPST	24-51	40	200	1	3	.35/30	.807 (20.5)	2.157 (54.8)	.106 (2.7)	306-1100-ND	1.78	1.50	1.26	RI-46B
	SPST	46-70	70	200	1	2.25	.35/30	.807 (20.5)	2.157 (54.8)	.106 (2.7)	306-1104-ND	1.78	1.50	1.26	RI-48C
	SPST	15-20	10	200	0.5	0.5	.15/20	.394 (10)	1.811 (46)	.071 (1.8)	306-1122-ND	1.29	1.09	.92	RI60GP1520

Fig.	Circuit	Ampere Turns	Max. DC Contact Rating		Switching Current (A)	Carry Current (A)	Operate/Release (ms/µs)	Package	Dimensions - Inches (mm)			Digi-Key Part No.	Cut Tape Price Each			Coto Part No.
			Watts	Volts					A	B	C		1	10	50	
2	SPST	9-15	10	200	0.5	0.5	.30/70	Gullwing	.394 (10)	.768 (19.5)	.069 (1.75)	306-1190-1-ND	1.40	1.19	.99	RI-02SMD-G2
	SPST	9-15	10	200	0.5	0.5	.30/70	Gullwing	.394 (10)	.768 (19.5)	.069 (1.75)	306-1190-2-ND‡	3909.117.000			RI-02SMD-G2

‡ Tape and Reel

Fig.	Circuit	Ampere Turns	Max. DC Contact Rating		Switching Current (A)	Carry Current (A)	Package	Dimensions - Inches (mm)				Digi-Key Part No.	Cut Tape Price Each			Tape and Reel Pricing 2,000	Coto Part No.	
			Watts	Volts				A	B	C	D		1	10	50			
3	SPST	30-50	5	140	0.35	0.5	Gullwing	.252 (6.4)	.091 (2.31)	.091 (2.31)	.376 (9.55)	306-1148-1-ND	2.45	2.07	1.73	306-1148-2-ND	1052.45/M	CT05-3050-G1
	SPST	15-35	5	140	0.35	0.5	Gullwing	.252 (6.4)	.091 (2.31)	.091 (2.31)	.376 (9.55)	306-1149-1-ND	2.45	2.07	1.73	306-1149-2-ND	1052.45/M	CT05-1535-G1
	SPST	30-50	5	140	0.35	0.5	J-Lead	.252 (6.4)	.091 (2.31)	.091 (2.31)	.376 (9.55)	306-1150-1-ND	2.45	2.07	1.73	306-1150-2-ND	1052.45/M	CT05-3050-J1
	SPST	15-35	5	140	0.35	0.5	J-Lead	.252 (6.4)	.091 (2.31)	.091 (2.31)	.376 (9.55)	306-1151-1-ND	2.45	2.07	1.73	306-1151-2-ND	1052.45/M	CT05-1535-J1
	SPST	15-30	10	200	0.5	0.5	Gullwing	.458 (11.63)	.095 (2.41)	.115 (2.92)	.635 (16.13)	306-1125-1-ND	.99	.85	.71	306-1125-2-ND	427.92/M	CT10-1530-G1
	SPST	15-40	10	200	0.5	0.5	Gullwing	.458 (11.63)	.095 (2.41)	.115 (2.92)	.635 (16.13)	306-1124-1-ND	.99	.85	.71	306-1124-2-ND	427.92/M	CT10-1540-G1
	SPST	25-40	10	200	0.5	0.5	Gullwing	.458 (11.63)	.095 (2.41)	.115 (2.92)	.635 (16.13)	306-1126-1-ND	1.80	1.53	1.28	306-1126-2-ND	719.54/M	CT10-2540-G1



Magnetic Reed Switches, Reed Relays, Reed Sensors and Magnets

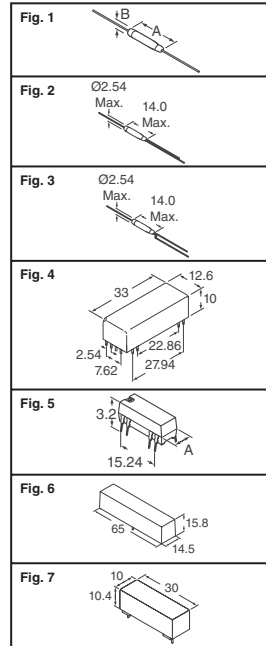


**Reed Switches:** Reed switches consist of two ferromagnetic blades of iron and nickel, hermetically sealed in a glass capsule. The introduction or removal of a magnetic field actuates the Reed Switch. Over 500 reed switches to choose from ranging in size from the ultra miniature 4mm to 52mm. **Reed Sensors:** Reed sensors magnetically actuated proximity switches available in a variety of mounting options. The switching function is activated by the introduction or removal of a magnetic field. **Reed Relays:** Reed relays are ideal for applications requiring low and stable contact resistance, low capacitance, high insulation resistance, long life and small package size. They are also suitable for high RF switching and low current switching.

Fig.	Circuit	Dimensions (mm)		Switching		Termination or Wiring	Digi-Key Part No.	Price Each			Tape and Reel‡		Meder Part No.	
		A	B	Voltage	Current (A)			1	10	100	Qty.	Pricing		
<b>Reed Switches</b>														
1	SPST-NO	10	2.0	24	0.1	Axial (2 Leads)	374-1083-ND	.88	.69	.53	—	—	—	ORD211-1015
	SPST-NO	10	2.0	24	0.1	Axial (2 Leads)	374-1084-ND	.88	.69	.53	—	—	—	ORD211-1520
	SPST-NO	7	1.8	24	0.1	Axial (2 Leads)	374-1085-ND	1.32	1.03	.79	—	—	—	ORD213-1015
	SPST-NO	7	1.8	24	0.1	Axial (2 Leads)	374-1086-ND	1.32	1.03	.79	—	—	—	ORD213-1520
	SPST-NO	7	1.8	24	0.1	SMD Tab	374-1087-ND	1.45	1.21	.90	—	—	—	ORD213S-1-1015
	SPST-NO	14	2.2	100	0.5	Axial (2 Leads)	374-1088-ND	.99	.70	.47	—	—	—	ORD228VL-1015
	SPST-NO	14	2.2	100	0.5	Axial (2 Leads)	374-1089-ND	.99	.70	.47	—	—	—	ORD228VL-1520
	SPST-NO	21	2.75	350	0.7	Axial (2 Leads)	374-1090-ND	1.32	1.03	.79	—	—	—	ORD229-2025
	SPST-NO	21	2.75	350	0.7	Axial (2 Leads)	374-1091-ND	1.32	1.03	.79	—	—	—	ORD229-2530
	SPST-NO	7	1.8	100	1	Axial (2 Leads)	374-1127-ND	1.29	1.00	.77	—	—	—	ORD311-1015
	SPST-NO	12	2.0	200	0.5	Axial (2 Leads)	374-1128-ND	1.32	1.03	.79	—	—	—	ORD312-1015
	SPST-NO	14	2.2	200	0.5	Axial (2 Leads)	374-1092-ND	.83	.58	.39	—	—	—	ORD324-1015
	SPST-NO	3.95	1.3	60	0.3	Axial (2 Leads)	374-1131-ND	4.41	3.65	2.74	—	—	—	KSK-1A04-1015
	SPST-NO	10.5	1.95	200	1	Axial (2 Leads)	374-1076-ND	.94	.74	.56	—	—	—	KSK-1A35-1015
	SPST-NO	10.5	1.8	200	1	Axial (2 Leads)	374-1122-ND	.94	.74	.56	—	—	—	KSK-1A35-1520
	SPST-NO	14	2.2	180	0.5	Axial (2 Leads)	374-1077-ND	1.01	.78	.60	—	—	—	KSK-1A66-1015
	SPST-NO	14	2.2	180	0.5	Axial (2 Leads)	374-1078-ND	1.01	.78	.60	—	—	—	KSK-1A66-1520
	SPST-NO	7	1.8	170	0.5	Axial (2 Leads)	374-1079-ND	1.42	1.19	.88	—	—	—	KSK-1A80-1015
	SPST-NO	10	2.0	200	0.5	Axial (2 Leads)	374-1080-ND	1.29	1.00	.77	—	—	—	KSK-1A87-1015
	SPST-NO	10	2.0	200	0.5	Axial (2 Leads)	374-1081-ND	1.29	1.00	.77	—	—	—	KSK-1A87-1520
SPST-NO	21	2.75	350	0.5	Axial (2 Leads)	374-1123-ND	1.74	1.45	1.08	—	—	—	KSK-1A52-2025	
SPST-NO	21	2.75	1000	1	Axial (2 Leads)	374-1124-ND	1.59	1.32	.98	—	—	—	KSK-1A65-2030	

‡ Cut Tape † For Tape and Reel part number, change 1-ND to 2-ND.

(Continued)



Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

2326 (EU2011-EN) Free shipping on orders over €65! All prices in euro and include duties.