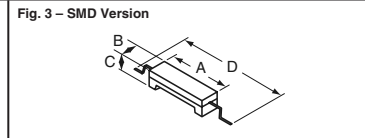
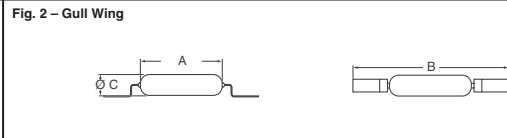
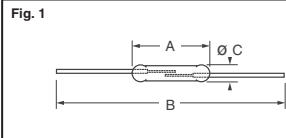




Magnetic Reed Switches



| 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 | 2.22 | 1.89 | 1.58 | RI-01BAA |
| | SPST | 16-25 | 10 | 200 | 0.5 | 1 | .35/50 | .531 (13.5) | 1.811 (46) | .071 (1.8) | 306-1169-ND | 2.22 | 1.89 | 1.58 | RI-01CA |
| | SPST | 18-32 | 10 | 200 | 0.5 | 2.5 | .25/30 | .591 (15) | 1.811 (46) | .1 (2.54) | 306-1171-ND | 2.41 | 2.04 | 1.71 | 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 | 2.41 | 2.04 | 1.71 | RI-07AA |
| | SPST | 18-32 | 10 | 200 | 0.5 | 2.5 | .25/30 | .591 (15) | 1.811 (46) | .1 (2.54) | 306-1188-ND | 2.30 | 1.95 | 1.63 | RI-21A |
| | SPST | 18-32 | 10 | 200 | 0.5 | 2.5 | .25/30 | .591 (15) | 1.811 (46) | .1 (2.54) | 306-1087-ND | 2.41 | 2.04 | 1.71 | RI-23A |
| | SPST | 14-23 | 10 | 200 | 0.5 | 1.5 | .25/30 | .591 (15) | 1.811 (46) | .1 (2.54) | 306-1086-ND | 2.41 | 2.04 | 1.71 | RI-23AA |
| | SPST | 14-23 | 15 | 200 | 1 | 1.75 | .25/30 | .591 (15) | 1.811 (46) | .1 (2.54) | 306-1091-ND | 2.30 | 1.95 | 1.63 | RI-25AA |
| | SPST | 8-16 | 10 | 200 | 0.75 | 1.5 | .25/70 | .591 (15) | 1.811 (46) | .1 (2.54) | 306-1090-ND | 2.30 | 1.95 | 1.63 | RI-25AAA |
| | SPST | 28-52 | 25 | 200 | 1 | 2.75 | .25/30 | .591 (15) | 1.811 (46) | .1 (2.54) | 306-1093-ND | 2.30 | 1.95 | 1.63 | RI-25B |
| | SPST | 46-70 | 25 | 200 | 1 | 3 | .25/30 | .591 (15) | 1.811 (46) | .1 (2.54) | 306-1094-ND | 2.30 | 1.95 | 1.63 | 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 | 2.41 | 2.04 | 1.71 | 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 | 2.41 | 2.04 | 1.71 | 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 | 2.41 | 2.04 | 1.71 | RI-27AAA |
| | SPST | 16-25 | 15 | 200 | 1 | 1.25 | .25/30 | .531 (13.5) | 1.811 (46) | .071 (1.8) | 306-1083-ND | 2.41 | 2.04 | 1.71 | 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 | 2.41 | 2.04 | 1.71 | RI-46AA |
| | SPST | 24-51 | 40 | 200 | 1 | 3 | .35/30 | .807 (20.5) | 2.157 (54.8) | .106 (2.7) | 306-1100-ND | 2.41 | 2.04 | 1.71 | 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 | 2.41 | 2.04 | 1.71 | RI-48C |
| | SPST | 15-20 | 10 | 200 | 0.5 | 0.5 | .15/20 | .394 (10) | 1.811 (46) | .071 (1.8) | 306-1122-ND | 1.75 | 1.49 | 1.24 | 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 | 1.90 | 1.61 | 1.35 | 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‡ | 5310.067/000 | | | 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 | | | Digi-Key Part No. | 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 | 3.32 | 2.81 | 2.35 | 306-1148-2-ND | 1429.63/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 | 3.32 | 2.81 | 2.35 | 306-1149-2-ND | 1429.63/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 | 3.32 | 2.81 | 2.35 | 306-1150-2-ND | 1429.63/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 | 3.32 | 2.81 | 2.35 | 306-1151-2-ND | 1429.63/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 | 1.35 | 1.15 | .96 | 306-1125-2-ND | 581.28/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 | 1.35 | 1.15 | .96 | 306-1124-2-ND | 581.28/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 | 2.45 | 2.07 | 1.73 | 306-1126-2-ND | 977.40/M | CT10-2540-G1 | |



Magnetic Reed Switches, Reed Relays, Reed Sensors and Magnets

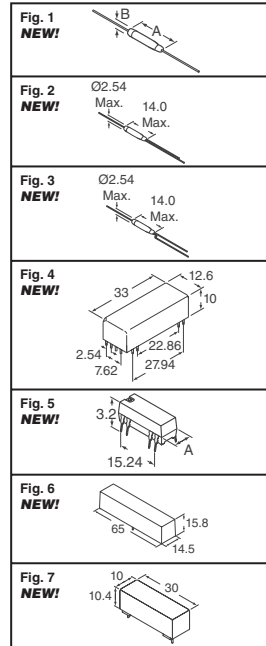


Reed Switches: Reed switches consist of two ferromagnetic blades of iron and nickel, hermetically sealed in a glass capsule. The introduction or removal of a magnetic field actuates the Reed Switch. Over 500 reed switches to choose from ranging in size from the ultra miniature 4mm to 52mm. **Reed Sensors:** Reed sensors magnetically actuated proximity switches available in a variety of mounting options. The switching function is actuated 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 | 50 | Qty. | Pricing | |
| NEW! Reed Switches NEW! | | | | | | | | | | | | | |
| 1 | SPST-NO | 10 | 2.0 | 24 | 0.1 | Axial (2 Leads) | 374-1083-ND | 1.02 | .92 | .74 | — | — | ORD211-1015 |
| | SPST-NO | 10 | 2.0 | 24 | 0.1 | Axial (2 Leads) | 374-1084-ND | 1.02 | .92 | .74 | — | — | ORD211-1520 |
| | SPST-NO | 7 | 1.8 | 24 | 0.1 | Axial (2 Leads) | 374-1085-ND | 1.54 | 1.37 | 1.11 | — | — | ORD213-1015 |
| | SPST-NO | 7 | 1.8 | 24 | 0.1 | Axial (2 Leads) | 374-1086-ND | 1.54 | 1.37 | 1.11 | — | — | ORD213-1520 |
| | SPST-NO | 7 | 1.8 | 24 | 0.1 | SMD Tab | 374-1087-ND | 1.98 | 1.76 | 1.43 | — | — | ORD213S-1-1015 |
| | SPST-NO | 14 | 2.2 | 100 | 0.5 | Axial (2 Leads) | 374-1088-ND | .88 | .79 | .64 | — | — | ORD228VL-1015 |
| | SPST-NO | 14 | 2.2 | 100 | 0.5 | Axial (2 Leads) | 374-1089-ND | .88 | .79 | .64 | — | — | ORD228VL-1520 |
| | SPST-NO | 21 | 2.75 | 350 | 0.7 | Axial (2 Leads) | 374-1090-ND | 1.54 | 1.37 | 1.11 | — | — | ORD229-2025 |
| | SPST-NO | 21 | 2.75 | 350 | 0.7 | Axial (2 Leads) | 374-1091-ND | 1.54 | 1.37 | 1.11 | — | — | ORD229-2530 |
| | SPST-NO | 7 | 1.8 | 100 | 1 | Axial (2 Leads) | 374-1127-ND | 1.49 | 1.34 | 1.09 | — | — | ORD311-1015 |
| | SPST-NO | 12 | 2.0 | 200 | 0.5 | Axial (2 Leads) | 374-1128-ND | 1.54 | 1.37 | 1.11 | — | — | ORD312-1015 |
| | SPST-NO | 14 | 2.2 | 200 | 0.5 | Axial (2 Leads) | 374-1092-ND | .73 | .66 | .53 | — | — | ORD324-1015 |
| | SPST-NO | 3.95 | 1.3 | 60 | 0.3 | Axial (2 Leads) | 374-1131-ND | 6.71 | 5.99 | 4.86 | — | — | KSK-1A04-1015 |
| | SPST-NO | 10.5 | 1.95 | 200 | 1 | Axial (2 Leads) | 374-1076-ND | 1.10 | .98 | .80 | — | — | KSK-1A35-1015 |
| | SPST-NO | 10.5 | 1.8 | 200 | 1 | Axial (2 Leads) | 374-1122-ND | 1.10 | .98 | .80 | — | — | KSK-1A35-1520 |
| | SPST-NO | 14 | 2.2 | 180 | 0.5 | Axial (2 Leads) | 374-1077-ND | 1.17 | 1.05 | .85 | — | — | KSK-1A66-1015 |
| | SPST-NO | 14 | 2.2 | 180 | 0.5 | Axial (2 Leads) | 374-1078-ND | 1.17 | 1.05 | .85 | — | — | KSK-1A66-1520 |
| | SPST-NO | 7 | 1.8 | 170 | 0.5 | Axial (2 Leads) | 374-1079-ND | 1.93 | 1.73 | 1.40 | — | — | KSK-1A80-1015 |
| | SPST-NO | 10 | 2.0 | 200 | 0.5 | Axial (2 Leads) | 374-1080-ND | 1.49 | 1.34 | 1.09 | — | — | KSK-1A87-1015 |
| | SPST-NO | 10 | 2.0 | 200 | 0.5 | Axial (2 Leads) | 374-1081-ND | 1.49 | 1.34 | 1.09 | — | — | KSK-1A87-1520 |
| SPST-NO | 21 | 2.75 | 350 | 0.5 | Axial (2 Leads) | 374-1123-ND | 2.37 | 2.12 | 1.72 | — | — | KSK-1A52-2025 | |
| SPST-NO | 21 | 2.75 | 1000 | 1 | Axial (2 Leads) | 374-1124-ND | 2.15 | 1.92 | 1.56 | — | — | KSK-1A85-2030 | |

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

(Continued)



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