

MAGNECRAFT Reed Relays



RoHS Compliant This product is RoHS compliant.

Magnecraft 117 SIP 4 PIN REED RELAYS

Specifications:

- Contact resistance: 200mΩ max.
- Pin spacing of 0.2 between pins
- Standard 0.1 grid spacing
- Rated @ 10VA, 0.5 amp switching and can carry up to 1.5 amps
- Dielectric strength: 500Vrms (coil to frame)



RoHS Compliant

For quantities of 100 and up, call for quote.

| MOUSER STOCK NO. | Magnecraft Part No. | Fig. | Nom. Volts | Coil (Ω) | Max. Pick-up VDC | Nom. Power mW | Price Each | | | |
|--|---------------------|------|------------|----------|------------------|---------------|------------|-------|-------|-------|
| | | | | | | | 1 | 10 | 25 | 50 |
| Class 117SIP, SPST-NO, Without Clamping Diode | | | | | | | | | | |
| 528-117-1 | W117SIP-1 | A1 | 5 | 500 | 4 | 50 | 2.77 | 2.56 | 2.42 | 2.30 |
| 528-117-3 | W117SIP-3 | A1 | 12 | 1000 | 9.6 | 144 | 2.76 | 2.55 | 2.41 | 2.29 |
| 528-117-5 | W117SIP-5 | A1 | 24 | 2000 | 19.2 | 288 | 10.70 | 10.23 | 9.77 | 8.84 |
| Class 117SIP, SPST-NO, With Clamping Diode | | | | | | | | | | |
| 528-117-6 | W117SIP-6 | A2 | 5 | 500 | 4 | 50 | 2.84 | 2.75 | 2.61 | 2.46 |
| 528-117-8 | W117SIP-8 | A2 | 12 | 1000 | 9.6 | 144 | 4.11 | 3.80 | 3.61 | 3.39 |
| 528-117-10 | W117SIP-10 | A2 | 24 | 2000 | 19.2 | 288 | 4.39 | 4.05 | 3.84 | 3.62 |
| Class 117SIP, SPST-NC, With Clamping Diode | | | | | | | | | | |
| 528-117-18 | W117SIP-18 | A3 | 5 | 500 | 4 | 50 | 5.54 | 5.13 | 4.85 | 4.57 |
| 528-117-25 | W117SIP-25 | A3 | 12 | 1200 | 9.6 | 120 | 13.04 | 12.47 | 11.92 | 11.34 |
| 528-117-26 | W117SIP-26 | A3 | 24 | 2200 | 19.2 | 220 | 13.53 | 12.94 | 12.35 | 11.18 |
| Class 117SIP, SPST-NC, Without Clamping Diode | | | | | | | | | | |
| 528-117-22 | W117SIP-22 | A4 | 5 | 500 | 4 | 50 | 5.52 | 5.11 | 4.84 | 4.56 |
| 528-117-23 | W117SIP-23 | A4 | 12 | 1200 | 9.6 | 120 | 5.54 | 5.13 | 4.85 | 4.57 |

Magnecraft CLASS 107, 171, & 172 DRY REED RELAYS

Specifications:

- Contact resistance: 200mΩ max.
- Insulation resistance: 100MΩ @ 500VDC min.
- Dielectric withstanding voltage between contacts: 200Vrms



RoHS Compliant

* With clamping diode

For quantities of 100 and up, call for quote.

| MOUSER STOCK NO. | Magnecraft Part No. | Fig. | Nom. Volts | Coil (Ω) | Max. Pick-up VDC | Nom. Power mW | Price Each | | | |
|--|---------------------|------|------------|----------|------------------|---------------|------------|-------|-------|-------|
| | | | | | | | 1 | 10 | 25 | 50 |
| Class 107DIP, SPST-NO, 0.5 Amp | | | | | | | | | | |
| 528-107-1 | W107DIP-1 | B1 | 5 | 500 | 3.8 | 50 | 3.55 | 3.28 | 3.10 | 2.92 |
| 528-107-3 | W107DIP-3 | B1 | 12 | 1000 | 9 | 144 | 3.76 | 3.50 | 3.33 | 3.14 |
| 528-107-4 | W107DIP-4 | B1 | 24 | 2000 | 18 | 288 | 4.55 | 4.27 | 4.09 | 3.89 |
| *528-107-5 | W107DIP-5 | B2 | 5 | 500 | 3.8 | 50 | 3.74 | 3.46 | 3.28 | 3.08 |
| *528-107-7 | W107DIP-7 | B2 | 12 | 1000 | 9 | 144 | 5.58 | 5.20 | 4.94 | 4.67 |
| *528-107-8 | W107DIP-8 | B2 | 24 | 2000 | 18 | 288 | 4.73 | 4.42 | 4.22 | 4.01 |
| Class 171DIP, SPST-NO, 0.5 Amp (No Connection Pin 9 & 13) | | | | | | | | | | |
| 528-171-2 | W171DIP-2 | B3 | 5 | 500 | 3.8 | 50 | 3.48 | 3.23 | 3.06 | 2.88 |
| 528-171-4 | W171DIP-4 | B3 | 12 | 1200 | 9 | 120 | 2.49 | 2.31 | 2.19 | 2.05 |
| 528-171-5 | W171 DIP-5 | B3 | 24 | 2200 | 18 | 270 | 3.90 | 3.62 | 3.45 | 3.26 |
| *528-171-7 | W171DIP-7 | B4 | 5 | 500 | 3.8 | 50 | 2.68 | 2.48 | 2.35 | 2.22 |
| *528-171-10 | W171DIP-10 | B4 | 24 | 2200 | 18 | 270 | 4.35 | 4.00 | 3.80 | 3.58 |
| Class 171DIP, SPST-NC, 0.5 Amp | | | | | | | | | | |
| 528-171-12 | W171DIP-12 | B5 | 5 | 200 | 3.8 | 50 | 6.08 | 5.64 | 5.34 | 5.04 |
| 528-171-14 | W171DIP-14 | B5 | 12 | 1200 | 9 | 120 | 5.24 | 5.06 | 4.89 | 4.66 |
| *528-171-17 | W171DIP-17 | B6 | 5 | 500 | 3.8 | 50 | 5.96 | 5.53 | 5.23 | 4.96 |
| *528-171-20 | W171DIP-20 | B6 | 24 | 2200 | 18 | 270 | 17.73 | 16.96 | 16.19 | 14.65 |
| Class 171DIP, DPST-NO, 0.5 Amp | | | | | | | | | | |
| 528-171-23 | W171DIP-23 | B7 | 12 | 1000 | 9 | 144 | 5.55 | 5.29 | 5.01 | 4.74 |
| 528-171-24 | W171DIP-24 | B7 | 24 | 2200 | 18 | 270 | 5.99 | 5.56 | 5.26 | 4.98 |
| *528-171-25 | W171DIP-25 | B8 | 5 | 500 | 3.8 | 50 | 5.89 | 5.45 | 5.15 | 4.87 |
| *528-171-27 | W171DIP-27 | B8 | 12 | 1000 | 9 | 144 | 4.30 | 3.98 | 3.78 | 3.56 |
| *528-171-28 | W171DIP-28 | B8 | 24 | 2200 | 18 | 270 | 6.64 | 6.14 | 5.82 | 5.51 |
| Class 172DIP, SPDT, 0.25 Amp | | | | | | | | | | |
| 528-172-1 | W172DIP-1 | B9 | 5 | 200 | 3.8 | 125 | 7.29 | 6.78 | 6.43 | 6.08 |
| 528-172-3 | W172DIP-3 | B9 | 12 | 500 | 9 | 300 | 8.02 | 7.44 | 7.06 | 6.67 |
| 528-172-4 | W172DIP-4 | B9 | 24 | 2200 | 18 | 270 | 8.06 | 7.48 | 7.09 | 6.70 |
| *528-172-5 | W172DIP-5 | B10 | 5 | 200 | 3.8 | 125 | 5.38 | 4.99 | 4.73 | 4.47 |
| *528-172-7 | W172DIP-7 | B10 | 12 | 500 | 9 | 300 | 8.06 | 7.48 | 7.09 | 6.70 |
| Class 172DIP, SPDT, 0.25 Amp | | | | | | | | | | |
| 528-172-141 | W172DIP-141 | B11 | 5 | 200 | 3.8 | 125 | 7.17 | 6.68 | 6.35 | 6.02 |
| 528-172-145 | W172DIP-145 | B11 | 12 | 1000 | 9 | 144 | 7.72 | 7.14 | 6.78 | 6.40 |
| 528-172-146 | W172DIP-146 | B11 | 24 | 3200 | 18 | 180 | 7.88 | 7.36 | 6.99 | 6.61 |
| Class 172DIP, SPDT, 0.25 Amp | | | | | | | | | | |
| *528-172-147 | W172DIP-147 | B12 | 5 | 200 | 3.8 | 125 | 5.38 | 4.99 | 4.73 | 4.47 |
| *528-172-149 | W172DIP-149 | B12 | 12 | 1000 | 9 | 144 | 5.39 | 5.01 | 4.75 | 4.49 |
| *528-172-150 | W172DIP-150 | B12 | 24 | 3200 | 18 | 180 | 9.88 | 9.15 | 8.64 | 8.16 |
| Class 172DIP, SPDT, 0.25 Amp | | | | | | | | | | |
| 528-172-33 | W172DIP-33 | B13 | 12 | 500 | 9 | 290 | 7.50 | 6.98 | 6.61 | 6.27 |
| *528-172-35 | W172DIP-35 | B14 | 5 | 200 | 3.8 | 125 | 7.62 | 7.08 | 6.73 | 6.36 |
| *528-172-37 | W172DIP-37 | B14 | 12 | 500 | 9 | 290 | 22.53 | 21.55 | 20.57 | 18.61 |
| *528-172-38 | W172DIP-38 | B14 | 24 | 2200 | 18 | 270 | 7.95 | 7.68 | 7.31 | 6.91 |
| Class 172DIP, DPDT, 0.5 Amp | | | | | | | | | | |
| 528-172-19 | W172DIP-19 | B15 | 12 | 266 | 9 | 540 | 55.53 | 51.37 | 48.59 | 45.81 |
| *528-172-21 | W172DIP-21 | B16 | 5 | 46 | 3.8 | 540 | 52.88 | 48.91 | 46.28 | 43.62 |
| *528-172-23 | W172DIP-23 | B16 | 12 | 266 | 9 | 540 | 54.77 | 50.67 | 47.94 | 45.18 |
| *528-172-24 | W172DIP-24 | B16 | 24 | 1066 | 18 | 540 | 47.27 | 43.73 | 41.37 | 39.00 |

DIMENSIONS: mm

TERMINAL ARRANGEMENT

Class 107 (Dimensions: 19.0 x 7.62 x 6.98)

Class 171 & 172 (Dimensions: 20.14 x 7.62 x 7.62)

TERMINAL ARRANGEMENT

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