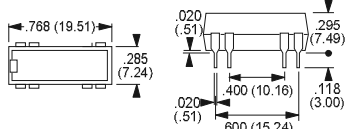


HAMLIN Reed Relays

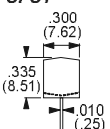
Fig. 1



• Transfer Molded Body

Fig. 2

SPST



• Transfer Molded Body

SPDT

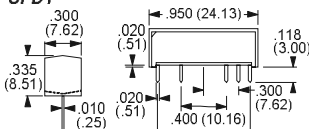
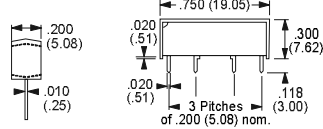


Fig. 3



• Transfer Molded Body • Maximum Space Utilization

| Top View | Coil Volt. (VDC) | Coil Res. (Ω) | Pickup/ Dropout (VDC@ 25°C) | Switch Volt. (VDC) | Switch Current (Amps) | Carry Current (Amps) | Cont. Res. (Ω) | Oper. / Rel. Time (msec) | Ins. Res. (Ω) | Digi-Key Part No. | Pricing | | | | Hamlin Part No. | |
|---|------------------|---------------|-----------------------------|--------------------|-----------------------|----------------------|----------------|--------------------------|------------------|-------------------|----------|-------|--------|--------|-----------------|-------------|
| | | | | | | | | | | | 1 | 10 | 50 | 100 | | |
| Fig. 1 — 700 Series DIP Reed Relays | | | | | | | | | | | | | | | | |
| 1A SPST-NO ↑ With Diode Suppressor | 5 | 500 | 3.75/0.5 | 200 | 0.5 | 1.2 | 0.200 | 1.0/0.5 | 10 ¹⁰ | HE100-ND | 2.44 | 21.75 | 88.13 | 150.00 | HE721A0500 | |
| | 5 | 500 | 3.75/0.5 | 200 | 0.5 | 1.2 | 0.200 | 1.0/0.5 | 10 ¹⁰ | HE101-ND↑ | 2.70 | 24.07 | 97.53 | 166.00 | HE721A0510 | |
| | 12 | 1000 | 8.0/1.0 | 200 | 0.5 | 1.2 | 0.200 | 1.0/0.5 | 10 ¹⁰ | HE102-ND | 2.70 | 24.07 | 97.53 | 166.00 | HE721A1200 | |
| | 12 | 1000 | 8.0/1.0 | 200 | 0.5 | 1.2 | 0.200 | 1.0/0.5 | 10 ¹⁰ | HE103-ND↑ | 2.96 | 26.39 | 106.93 | 182.00 | HE721A1210 | |
| | 24 | 2150 | 16.0/2.0 | 200 | 0.5 | 1.2 | 0.200 | 1.0/0.5 | 10 ¹⁰ | HE104-ND | 3.35 | 29.87 | 121.03 | 206.00 | HE721A2400 | |
| 2A DPST-NO ↑ With Diode Suppressor | 5 | 150 | 3.75/0.5 | 200 | 0.5 | 1.2 | 0.200 | 1.0/0.5 | 10 ¹⁰ | HE106-ND | 4.06 | 36.25 | 146.88 | 250.00 | HE722A0600 | |
| | 5 | 150 | 3.75/0.5 | 200 | 0.5 | 1.2 | 0.200 | 1.0/0.5 | 10 ¹⁰ | HE107-ND↑ | 4.32 | 38.57 | 156.28 | 266.00 | HE722A0610 | |
| | 12 | 500 | 8.0/1.0 | 200 | 0.5 | 1.2 | 0.200 | 1.0/0.5 | 10 ¹⁰ | HE108-ND | 4.32 | 38.57 | 156.28 | 266.00 | HE722A1200 | |
| | 12 | 500 | 8.0/1.0 | 200 | 0.5 | 1.2 | 0.200 | 1.0/0.5 | 10 ¹⁰ | HE109-ND↑ | 4.58 | 40.89 | 165.68 | 282.00 | HE722A1210 | |
| | 24 | 2150 | 16.0/2.0 | 200 | 0.5 | 1.2 | 0.200 | 1.0/0.5 | 10 ¹⁰ | HE110-ND | 5.36 | 47.85 | 193.88 | 330.00 | HE722A2400 | |
| 1C SPDT-CO ↑ With Diode Suppressor | 5 | 200 | 3.75/0.5 | 175 | 0.25 | 1 | 0.200 | 3.0/3.0 | 10 ⁹ | HE112-ND | 5.56 | 49.59 | 200.93 | 342.00 | HE721C0500 | |
| | 5 | 200 | 3.75/0.5 | 175 | 0.25 | 1 | 0.200 | 3.0/3.0 | 10 ⁹ | HE113-ND↑ | 5.82 | 51.91 | 210.33 | 358.00 | HE721C0510 | |
| | 12 | 500 | 8.0/1.0 | 175 | 0.25 | 1 | 0.200 | 3.0/3.0 | 10 ⁹ | HE114-ND | 5.82 | 51.91 | 210.33 | 358.00 | HE721C1200 | |
| | 12 | 500 | 8.0/1.0 | 175 | 0.25 | 1 | 0.200 | 3.0/3.0 | 10 ⁹ | HE115-ND↑ | 6.11 | 54.52 | 220.90 | 376.00 | HE721C1210 | |
| | 24 | 2000 | 16.0/2.0 | 175 | 0.25 | 1 | 0.200 | 3.0/3.0 | 10 ⁹ | HE116-ND | 6.66 | 59.45 | 240.88 | 410.00 | HE721C2400 | |
| 1A SPST-NO | 5 | 500 | 3.75/0.5 | 200 | 0.5 | 1.2 | 0.200 | 1.0/0.5 | 10 ¹⁰ | HE200-ND | 2.37 | 21.17 | 85.78 | 146.00 | HE3321A0400 | |
| | 12 | 500 | 9.0/1.0 | 200 | 0.5 | 1.2 | 0.200 | 1.0/0.5 | 10 ¹⁰ | HE201-ND | 2.37 | 21.17 | 85.78 | 146.00 | HE3321A1200 | |
| | 24 | 2000 | 18.0/2.0 | 200 | 0.5 | 1.2 | 0.200 | 1.0/0.5 | 10 ¹⁰ | HE202-ND | 2.99 | 26.68 | 108.10 | 184.00 | HE3321A2400 | |
| | 1C SPDT-CO | 5 | 125 | 3.75/0.5 | 175 | 0.25 | 1 | 0.200 | 3.0/3.0 | 10 ⁹ | HE203-ND | 4.81 | 42.92 | 173.90 | 296.00 | HE3321C0500 |
| | | 12 | 500 | 9.0/1.0 | 175 | 0.25 | 1 | 0.200 | 3.0/3.0 | 10 ⁹ | HE204-ND | 5.07 | 45.24 | 183.30 | 312.00 | HE3321C1200 |
| 24 | | 2000 | 18.0/2.0 | 175 | 0.25 | 1 | 0.200 | 3.0/3.0 | 10 ⁹ | HE205-ND | 5.53 | 49.30 | 199.75 | 340.00 | HE3321C2400 | |
| Fig. 3 — 3600 Series Ultra Miniature Reed Relays | | | | | | | | | | | | | | | | |
| 1A SPST-NO ↑ With Diode Suppressor | 5 | 500 | 3.75/0.5 | 200 | 0.5 | 1.25 | 0.200 | 1.0/0.5 | 10 ¹⁰ | HE206-ND | 2.15 | 19.14 | 77.55 | 132.00 | HE3621A0500 | |
| | 5 | 500 | 3.75/0.5 | 200 | 0.5 | 1.25 | 0.200 | 1.0/0.5 | 10 ¹⁰ | HE207-ND↑ | 2.41 | 21.46 | 86.95 | 148.00 | HE3621A0510 | |
| | 12 | 1000 | 8.0/1.0 | 200 | 0.5 | 1.25 | 0.200 | 1.0/0.5 | 10 ¹⁰ | HE208-ND | 2.44 | 21.75 | 88.13 | 150.00 | HE3621A1200 | |
| | 12 | 1000 | 8.0/1.0 | 200 | 0.5 | 1.25 | 0.200 | 1.0/0.5 | 10 ¹⁰ | HE209-ND↑ | 2.73 | 24.36 | 98.70 | 168.00 | HE3621A1210 | |
| | 24 | 2150 | 16.0/2.0 | 200 | 0.5 | 1.25 | 0.200 | 1.0/0.5 | 10 ¹⁰ | HE210-ND | 3.06 | 27.26 | 110.45 | 188.00 | HE3621A2400 | |
| | 24 | 2150 | 16.0/2.0 | 200 | 0.5 | 1.25 | 0.200 | 1.0/0.5 | 10 ¹⁰ | HE211-ND↑ | 3.32 | 29.58 | 119.85 | 204.00 | HE3621A2410 | |

CROSS REFERENCE CHART

| HAMLIN Part No. | ELEC-TROL Part No. |
|-----------------|--------------------|
| HE721A0500 | RA30451051 |
| HE721A0510 | RA30461051 |
| HE721A1200 | RA30451121 |
| HE721A1210 | RA30461121 |
| HE721A2400 | RA30451241 |
| HE721A2410 | RA30461241 |
| HE722A0600 | — |
| HE722A0610 | — |
| HE722A1200 | RA30981121 |
| HE722A1210 | RA31231121 |
| HE722A2400 | RA30981241 |
| HE722A2410 | RA31231241 |
| HE721C0500 | RA30421051 |
| HE721C0510 | RA30421051 |
| HE721C1200 | RA30421121 |
| HE721C1210 | RA30441121 |
| HE721C2400 | RA30421241 |
| HE721C2410 | RA30441241 |
| HE3321A0400 | BBS1A0410 |
| HE3321A1200 | BBS1A1210 |
| HE3321A2400 | BBS1A2410 |
| HE3321C0500 | BBS1C0510 |
| HE3321C1200 | BBS1C1210 |
| HE3321C2400 | BBS1C2410 |
| HE3621A0500 | RA32041051 |
| HE3621A0510 | RA32051051 |
| HE3621A1200 | RA32041121 |
| HE3621A1210 | RA32051121 |
| HE3621A2400 | RA32041241 |
| HE3621A2410 | RA32051241 |