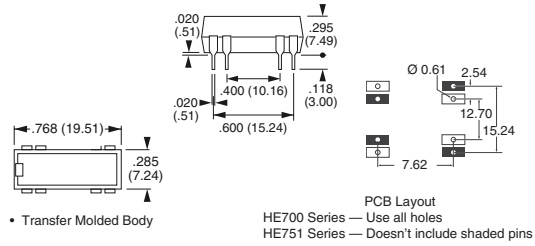
HAMLIN Reed Relays

RoHS COMPLIANT

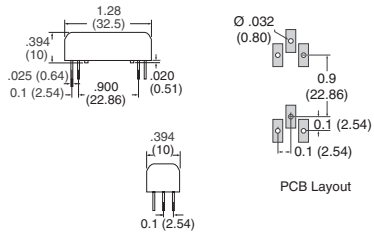
Fig. 1 — HE700 Series



• Transfer Molded Body

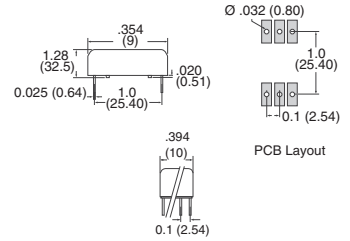
PCB Layout
HE700 Series — Use all holes
HE751 Series — Doesn't include shaded pins

Fig. 2 — HE200 Series



PCB Layout

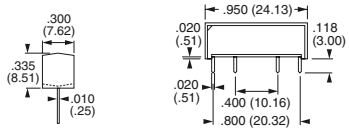
Fig. 3 — HE400 Series



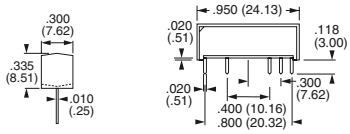
PCB Layout

Fig. 4 — HE3300 Series

SPST

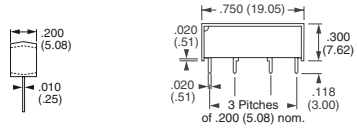


SPDT



Standard Sip

Fig. 5 — HE3600 Series



Miniature Sip

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)	Features	Digi-Key Part No.	Price Each 1	10	50	100	Hamlin Part No.
Fig. 1 — 700 Series DIP Reed Relays																
1A SPST-NO	5	500	3.75/0.5	200	0.5	1.2	0.150	1.0/1.0	1010	—	HE100-ND	1.20	1.02	.85	.70	HE721A0500
	5	500	3.75/0.5	200	0.5	1.2	0.150	1.0/1.0	1010	w/Diode	HE101-ND	1.31	1.11	.93	.76	HE721A0510
	12	1000	8.0/1.0	200	0.5	1.2	0.150	1.0/1.0	1010	—	HE102-ND	1.23	1.04	.87	.71	HE721A1200
	12	1000	8.0/1.0	200	0.5	1.2	0.150	1.0/1.0	1010	w/Diode	HE103-ND	1.35	1.15	.96	.79	HE721A1210
	24	2150	16.0/2.0	200	0.5	1.2	0.150	1.0/1.0	1010	—	HE104-ND	1.35	1.15	.96	.79	HE721A2400
	24	2150	16.0/2.0	200	0.5	1.2	0.150	1.0/1.0	1010	w/Diode	HE105-ND	1.46	1.24	1.04	.85	HE721A2410
	12	1000	8.0/1.0	200	0.5	1.2	0.150	1.0/1.0	1010	Low Profile	HE138-ND	2.03	1.72	1.44	1.18	HE721A1215
	24	2150	16.0/2.0	200	0.5	1.2	0.150	1.0/1.0	1010	Low Profile	HE139-ND	2.03	1.72	1.44	1.18	HE721A2415
2A DPST-NO	5	200	3.75/0.5	200	0.5	1.2	0.150	1.0/1.0	1010	—	HE554-ND	2.31	1.96	1.64	1.34	HE722A0500
	5	200	3.75/0.5	200	0.5	1.2	0.150	1.0/1.0	1010	w/Diode	HE123-ND	2.45	2.07	1.74	1.42	HE722A0510
	5	150	3.75/0.5	200	0.5	1.2	0.150	1.0/1.0	1010	—	HE106-ND	2.31	1.96	1.64	1.34	HE722A0600
	5	150	3.75/0.5	200	0.5	1.2	0.150	1.0/1.0	1010	w/Diode	HE107-ND	2.45	2.07	1.74	1.42	HE722A0610
	12	500	8.0/1.0	200	0.5	1.2	0.150	1.0/1.0	1010	—	HE108-ND	2.37	2.01	1.68	1.37	HE722A1200
	12	500	8.0/1.0	200	0.5	1.2	0.150	1.0/1.0	1010	w/Diode	HE109-ND	2.47	2.10	1.75	1.43	HE722A1210
	24	2150	16.0/2.0	200	0.5	1.2	0.150	1.0/1.0	1010	—	HE110-ND	2.47	2.10	1.75	1.43	HE722A2400
	24	2150	16.0/2.0	200	0.5	1.2	0.150	1.0/1.0	1010	w/Diode	HE111-ND	2.60	2.21	1.85	1.51	HE722A2410
1C SPDT-CO	5	200	3.75/0.5	175	0.25	1.5	0.200	3.0/3.0	109	—	HE112-ND	2.94	2.49	2.09	1.70	HE721C0500
	5	200	3.75/0.5	175	0.25	1.5	0.200	3.0/3.0	109	w/Diode	HE113-ND	3.04	2.58	2.16	1.76	HE721C0510
	12	500	8.0/1.0	175	0.25	1.5	0.200	3.0/3.0	109	—	HE114-ND	2.99	2.54	2.12	1.73	HE721C1200
	12	500	8.0/1.0	175	0.25	1.5	0.200	3.0/3.0	109	w/Diode	HE115-ND	3.10	2.63	2.20	1.79	HE721C1210
	24	2000	16.0/2.0	175	0.25	1.5	0.200	3.0/3.0	109	—	HE116-ND	3.10	2.63	2.20	1.79	HE721C2400
	24	2000	16.0/2.0	175	0.25	1.5	0.200	3.0/3.0	109	w/Diode	HE117-ND	3.20	2.71	2.27	1.85	HE721C2410
1A SPST-NO	5	500	3.75/0.5	300	0.5	1.2	0.150	1.0/1.0	1010	High Volt.	HE124-ND	1.72	1.46	1.22	1.00	HE751A0510
	12	1000	8.0/1.0	300	0.5	1.2	0.150	1.0/1.0	1010	High Volt.	HE125-ND	1.77	1.50	1.26	1.03	HE751A1210
	24	2150	16.0/2.0	300	0.5	1.2	0.150	1.0/1.0	1010	High Volt.	HE126-ND	1.87	1.59	1.33	1.09	HE751A2410
Fig. 2 — 200 Series DIP Reed Relays																
1A SPST-NO	24	3285	16.8/1.4	200	0.5	1.2	0.150	1.0/1.0	1010	—	HE120-ND	3.28	2.78	2.33	1.90	HE221A2450
Fig. 3 — 400 Series DIP Reed Relays																
1A SPST-NO	24	3840	18.0/2.0	200	0.5	1.2	0.150	1.0/1.0	1010	—	HE122-ND	3.28	2.78	2.33	1.90	HE421A2450
Fig. 4 — 3300 Series SIP Reed Relays																
1A SPST-NO	5	500	3.75/0.5	200	0.5	1.2	0.150	1.0/1.0	1010	—	HE200-ND	1.35	1.15	.96	.79	HE3321A0400
	12	500	9.0/1.0	200	0.5	1.2	0.150	1.0/1.0	1010	—	HE201-ND	1.43	1.22	1.02	.83	HE3321A1200
	24	2000	18.0/2.0	200	0.5	1.2	0.150	1.0/1.0	1010	—	HE202-ND	1.64	1.39	1.17	.95	HE3321A2400
	5	125	3.75/0.5	250	1.0	1.5	0.150	1.0/1.0	1010	High Volt.	HE127-ND	1.90	1.61	1.35	1.10	HE3351A0500
	12	500	9.0/1.0	250	1.0	1.5	0.150	1.0/1.0	1010	High Volt.	HE128-ND	2.00	1.70	1.42	1.16	HE3351A1200
	24	2000	18.0/2.0	250	1.0	1.5	0.150	1.0/1.0	1010	High Volt.	HE129-ND	2.19	1.85	1.55	1.27	HE3351A2400
1C SPDT-CO	5	125	3.75/0.5	175	0.25	1.5	0.200	3.0/3.0	109	—	HE203-ND	3.10	2.63	2.20	1.79	HE3321C0500
	12	500	9.0/1.0	175	0.25	1.5	0.200	3.0/3.0	109	—	HE204-ND	3.20	2.71	2.27	1.85	HE3321C1200
	24	2000	18.0/2.0	175	0.25	1.5	0.200	3.0/3.0	109	—	HE205-ND	3.39	2.87	2.40	1.96	HE3321C2400
Fig. 5 — 3600 Series Ultra Miniature Reed Relays																
1A SPST-NO	5	500	3.75/0.5	200	0.5	1.2	0.150	1.0/1.0	1010	—	HE206-ND	1.20	1.02	.85	.70	HE3621A0500
	5	500	3.75/0.5	200	0.5	1.2	0.150	1.0/1.0	1010	w/Diode	HE207-ND	1.25	1.06	.89	.73	HE3621A0510
	12	1000	8.0/1.0	200	0.5	1.2	0.150	1.0/1.0	1010	—	HE208-ND	1.27	1.08	.91	.74	HE3621A1200
	12	1000	8.0/1.0	200	0.5	1.2	0.150	1.0/1.0	1010	w/Diode	HE209-ND	1.38	1.17	.98	.80	HE3621A1210
	24	2150	16.0/2.0	200	0.5	1.2	0.150	1.0/1.0	1010	—	HE210-ND	1.27	1.08	.91	.74	HE3621A2400
	24	2150	16.0/2.0	200	0.5	1.2	0.150	1.0/1.0	1010	w/Diode	HE211-ND	1.41	1.19	1.00	.82	HE3621A2410

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