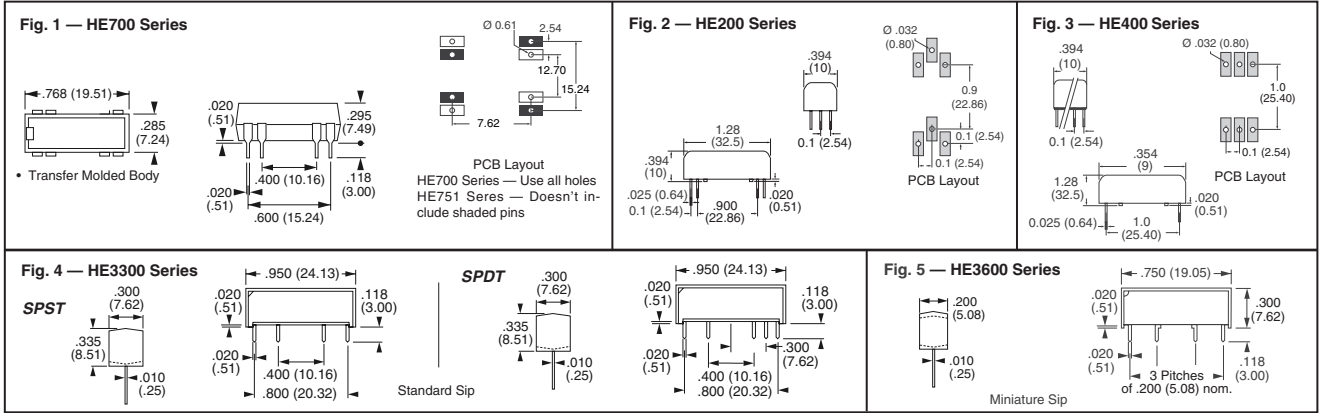


HAMLIN Reed Relays



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.	Pricing				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	10 ¹⁰	—	HE100-ND	1.59	13.48	56.35	91.88	HE721A0500
	5	500	3.75/0.5	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	w/Diode	HE101-ND	1.69	14.30	59.80	97.50	HE721A0510
	12	1000	8.0/1.0	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	—	HE102-ND	1.69	14.30	59.80	97.50	HE721A1200
	12	1000	8.0/1.0	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	w/Diode	HE103-ND	1.79	15.13	63.25	103.13	HE721A1210
	24	2150	16.0/2.0	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	—	HE104-ND	1.69	14.30	59.80	97.50	HE721A2400
	24	2150	16.0/2.0	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	w/Diode	HE105-ND	1.79	15.13	63.25	103.13	HE721A2410
2A DPST-NO 	5	200	3.75/0.5	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	w/Diode	HE123-ND	3.19	26.95	112.70	183.75	HE722A0510
	5	150	3.75/0.5	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	—	HE106-ND	3.09	26.13	109.25	178.13	HE722A0600
	5	150	3.75/0.5	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	w/Diode	HE107-ND	3.19	26.95	112.70	183.75	HE722A0610
	12	500	8.0/1.0	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	—	HE108-ND	3.19	26.95	112.70	183.75	HE722A1200
	12	500	8.0/1.0	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	w/Diode	HE109-ND	3.28	27.78	116.15	189.38	HE722A1210
	24	2150	16.0/2.0	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	—	HE110-ND	3.28	27.78	116.15	189.38	HE722A2400
1C SPDT-CO 	5	200	3.75/0.5	175	0.25	1.5	0.200	3.0/3.0	10 ⁹	—	HE112-ND	3.87	32.73	136.85	223.13	HE721C0500
	5	200	3.75/0.5	175	0.25	1.5	0.200	3.0/3.0	10 ⁹	w/Diode	HE113-ND	3.97	33.55	140.30	228.75	HE721C0510
	12	500	8.0/1.0	175	0.25	1.5	0.200	3.0/3.0	10 ⁹	—	HE114-ND	3.97	33.55	140.30	228.75	HE721C1200
	12	500	8.0/1.0	175	0.25	1.5	0.200	3.0/3.0	10 ⁹	w/Diode	HE115-ND	4.06	34.38	143.75	234.38	HE721C1210
	24	2000	16.0/2.0	175	0.25	1.5	0.200	3.0/3.0	10 ⁹	—	HE116-ND	3.97	33.55	140.30	228.75	HE721C2400
	24	2000	16.0/2.0	175	0.25	1.5	0.200	3.0/3.0	10 ⁹	w/Diode	HE117-ND	4.06	34.38	143.75	234.38	HE721C2410
1A SPST-NO 	5	500	3.75/0.5	300	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	High Volt.	HE124-ND	2.08	17.60	73.60	120.00	HE751A0510
	12	1000	8.0/1.0	300	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	High Volt.	HE125-ND	2.18	18.43	77.05	126.63	HE751A1210
	24	2150	16.0/2.0	300	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	High Volt.	HE126-ND	2.28	19.25	80.50	131.25	HE751A2410
Fig. 2 — 200 Series DIP Reed Relays																
1A SPST-NO 	5	140	3.5/0.28	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	—	HE118-ND	3.64	30.80	128.80	210.00	HE221A0550
	12	855	8.4/0.7	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	—	HE119-ND	3.87	32.73	136.85	223.13	HE221A1250
	24	3285	16.8/1.4	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	—	HE120-ND	4.10	34.65	144.90	236.25	HE221A2450
Fig. 3 — 400 Series DIP Reed Relays																
1A SPST-NO 	12	960	8.5/1.0	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	—	HE121-ND	3.87	32.73	136.85	223.13	HE421A1250
	24	3840	18.0/2.0	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	—	HE122-ND	4.10	34.65	144.90	236.25	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	10 ¹⁰	—	HE200-ND	1.63	13.75	57.50	93.75	HE3321A0400
	12	500	9.0/1.0	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	—	HE201-ND	1.72	14.58	60.95	99.38	HE3321A1200
	24	2000	18.0/2.0	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	—	HE202-ND	1.82	15.40	64.40	105.00	HE3321A2400
	5	125	3.75/0.5	250	1.0	1.5	0.150	1.0/1.0	10 ¹⁰	High Volt.	HE127-ND	2.15	18.15	75.90	123.75	HE3351A0500
	12	500	9.0/1.0	250	1.0	1.5	0.150	1.0/1.0	10 ¹⁰	High Volt.	HE128-ND	2.24	18.98	79.35	129.38	HE3351A1200
	24	2000	18.0/2.0	250	1.0	1.5	0.150	1.0/1.0	10 ¹⁰	High Volt.	HE129-ND	2.31	19.53	81.65	133.13	HE3351A2400
1C SPDT-CO 	5	125	3.75/0.5	175	0.25	1.5	0.200	3.0/3.0	10 ⁹	—	HE203-ND	4.00	33.83	141.45	230.63	HE3321C0500
	12	500	9.0/1.0	175	0.25	1.5	0.200	3.0/3.0	10 ⁹	—	HE204-ND	4.10	34.65	144.90	236.25	HE3321C1200
	24	2000	18.0/2.0	175	0.25	1.5	0.200	3.0/3.0	10 ⁹	—	HE205-ND	4.10	34.65	144.90	236.25	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	10 ¹⁰	—	HE206-ND	1.59	13.48	56.35	91.88	HE3621A0500
	5	500	3.75/0.5	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	w/Diode	HE207-ND	1.69	14.30	59.80	97.50	HE3621A0510
	12	1000	8.0/1.0	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	—	HE208-ND	1.72	14.58	60.95	99.38	HE3621A1200
	12	1000	8.0/1.0	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	w/Diode	HE209-ND	1.85	15.68	65.55	106.88	HE3621A1210
	24	2150	16.0/2.0	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	—	HE210-ND	1.72	14.58	60.95	99.38	HE3621A2400
	24	2150	16.0/2.0	200	0.5	1.2	0.150	1.0/1.0	10 ¹⁰	w/Diode	HE211-ND	1.85	15.68	65.55	106.88	HE3621A2410



Magnetic Reed Position Sensors

Features: • Operating Temperature: -40°C - 105°C
• Leads: 24 AWG PVC, Pre-tinned, 12" long

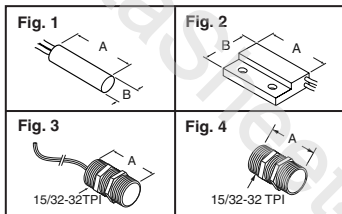


Fig.	Description	Dim. - Inch		Digi-Key Part No.	Price Each			Cherry Part No.
		A	B		1	10	50	
1	Magnetic Position Sensor, 10W, SPST-NO, .5A	1.00	ø.243	CH402-ND	3.16	2.81	2.34	MP201701
	Magnetic Position Sensor, 3W, SPST-NC, .2A	1.00	ø.243	CH403-ND	4.75	4.23	3.52	MP201702
	Magnetic Position Sensor, 3W, SPDT-CO, .2A	1.00	ø.243	CH404-ND	5.21	4.64	3.86	MP201703
1	Smooth Barrel Actuator	1.00	ø.243	CH411-ND	2.97	2.64	2.20	AS201701
2	Mini Flange Mount Proximity Sensors, 10W, SPST-NO, .5A	.906	.550	CH405-ND	3.46	3.08	2.56	MP201901
	Mini Flange Mount Proximity Sensors, 3W, SPST-NC, .2A	.906	.550	CH406-ND	5.21	4.64	3.86	MP201902
	Mini Flange Mount Proximity Sensors, 3W, SPDT-CO, .2A	.906	.550	CH412-ND	3.11	2.76	2.30	AS201901
2	Flange Mount Proximity Sensors, 10W, SPST-NO, .5A	1.125	.750	CH407-ND*	3.59	3.20	2.66	MP201901
	Flange Mount Proximity Sensors, 3W, SPST-NC, .2A	1.125	.750	CH408-ND*	5.37	4.78	3.98	MP201902
	Flange Mount Proximity Sensors, 3W, SPDT-CO, .2A	1.125	.750	CH409-ND*	5.89	5.24	4.36	MP201903
2	Flange Mount Actuator	1.125	.750	CH413-ND	3.38	3.00	2.50	AS201901
	Magnetic Position Sensor Aluminum 10W, SPST-NO, .5A	1.00	—	CH410-ND	10.13	9.00	7.50	MP200701
3	Magnetic Position Sensor Aluminum 3W, SPST-NC, .2A	1.00	—	CH709-ND	12.56	11.16	9.30	MP200702
	Magnetic Position Sensor Aluminum 3W, SPDT-CO, .2A	1.00	—	CH710-ND	13.10	11.64	9.70	MP200703
4	Threaded Actuator, South pole magnet	1.00	—	CH397-ND	14.01	12.46	10.38	HE610400

*Wire leads extend from opposite side of switch

More Product Available Online: www.digikey.com