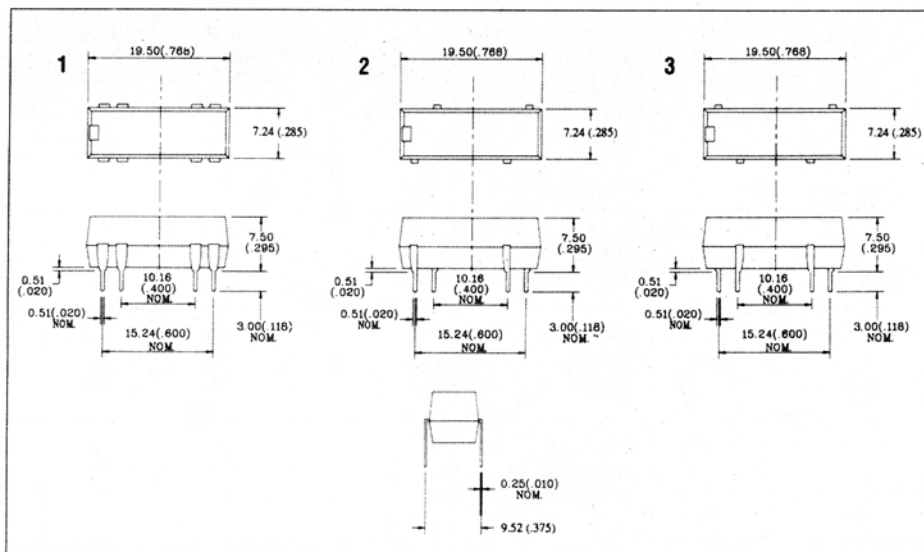
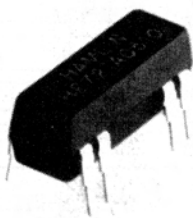


HE 700 SERIES

TABLE 1 – DIMENSIONS NOTE: Max. unless indicated otherwise.



DUAL IN-LINE REED RELAYS

- Transfer Molded Body
- Dry & Mercury-Wetted Contacts
- High Voltage Contacts
- Data Isolation Option

TABLE 2 – ELECTRICAL AND OPERATING CHARACTERISTICS

Column Number		1	2	3	4	5
Characteristics	Units	Form A Dry Reed Standard	Form A Dry Reed High Voltage	Form A Hg. Wetted High Voltage	Form C Dry Reed Standard	Form A Dry Reed Data Isolation
CONTACT RATINGS						
Power, Switching	Watts, Maximum	10	10	50	5	10
Voltage, Switching	Vdc, Maximum	200	300	500	175	200
Current, Switching	Amperes, Maximum	0.5	0.5	2	0.25	0.5
Current, Carry	Amperes, Maximum	1.2	1.2	4	1	1.2
CONTACT RESISTANCE						
Initial	Ohms, Maximum	0.200	0.200	0.070	0.200	0.200
Operating Temperature	Degrees, Celsius	-40 to +85	-20 to +85	-20 to +85	-40 to +85	-40 to +85
Storage Temperature	Degrees, Celsius	-40 to +105	-40 to +105	-38 to +105	-40 to +105	-40 to +105
Mounting Position	Degrees from Vertical	Any	Any	30	Any	Any
Vibration Resistance	G's, Max., 10-2000 Hz	20	20	Contact Hamlin	20	20
Shock Resistance	G's, Max., 11ms 1/2 sine	50	50	5	50	50
INSULATION RESISTANCE						
Across Open Contacts	Ohms, Typical	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ⁹	10 ¹⁰
Between Isolated Pins		10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ¹⁰
LIFE EXPECTANCY						
TIMING						
Operate Time	ms, Max., Incl. Bounce	1A 1.0 2A 1.0	1A 1.0	1A 3.0 2A 3.0	1C 3.0	1A 0.5
Release Time	ms, Max. Diode Suppressed	0.5	0.6	3.0	3.0	0.5
Drain Time	Seconds, Max.	•	•	30	•	•
VOLTAGE HOLD-OFF						
Across Open Contacts	Vdc, Minimum	250	450	1500	200	250
Coil to E. Shield	Vac, Minimum	150	•	•	150	•
Coil to Contacts	Vac, Minimum	500	2500	500	500	4000
Between Isolated Terminals	Vac, Minimum	500	500	500	500	•