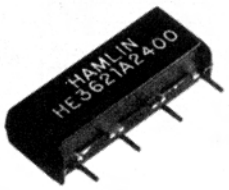
HE 3600 SERIES



ULTRA MINIATURE REED RELAYS

Single In-Line

- **Transfer Molded Body**
- **Maximum Space Utilization**
- **Coaxial Screen Option**

TABLE 1 – DIMENSIONS

NOTE: Max. unless indicated otherwise.

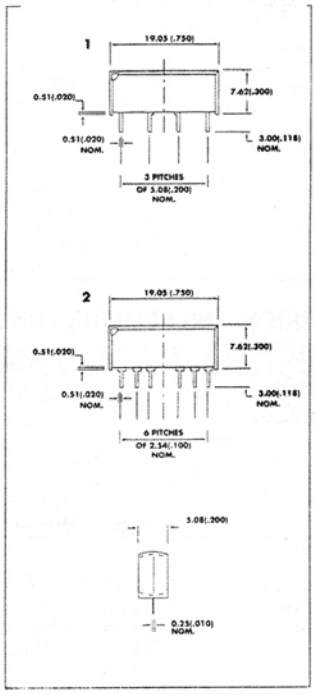
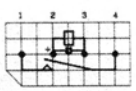
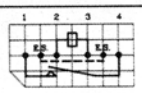


TABLE 2 – ELECTRICAL & OPERATING CHARACTERISTICS

Characteristics	Units	Form A Dry Reed Standard
CONTACT RATINGS		
Power, Switching	Watts, Maximum	10
Voltage, Switching	Vdc, Maximum	200
Current, Switching	Amperes, Maximum	0.5
Current, Carry	Amperes, Maximum	1.25
CONTACT RESISTANCE		
Initial	Ohms, Maximum	0.200
Operating Temperature	Degrees, Celsius	-40 to +85
Storage Temperature	Degrees, Celsius	-40 to +105
Mounting Position	Degrees from Vertical	Any
Vibration Resistance	G's, Max.,10-2000 Hz	20
Shock Resistance	G's, Max., 11ms 1/2 sin	50
INSULATION RESISTANCE		
Across Open Contacts	Ohms, Typical	10^{10}
Between Isolated Pins		10^{10}
LIFE EXPECTANCY		
TIMING		
Operate Time	ms, Max., Incl. Bounce	1.0
Release Time	ms, Max. Diode Suppressed	0.5
VOLTAGE HOLD-OFF		
1.1 Across Open Contacts	Vdc. Minimum	250
Coil to Contacts	Vac, Minimum	1500
1.2 With Coaxial Screen		
Coil to Contacts	Vac, Minimum	500
Screen to Coil/Contacts	Vac, Minimum	500

TABLE 3 – RELAY DESCRIPTION AND COIL CHARACTERISTICS

Contact Form & Type	Dimensions See Table 1 (Figure)	Part Number	Nominal Coil Voltage Vdc	Coil Resistance ± 10% @ 25°C Ohms	Must Operate Vdc @ 25°C	Must Release Vdc @ 25°C	Maximum Coil Voltage Vdc @ 25°C	Special Features	Top View 2,54 mm, 0.1 in. Grid (Numbers Do Not Appear On Relay)
1A SPST-NO Dry Reed	1	HE3621A0500 HE3621A0510	5	500	3.75	0.5	14	• Diode	
		HE3621A1200 HE3621A1210	12	1000	8.0	1.0	22	• Diode	
		HE3621A2400 HE3621A2410	24	2150	16.0	2.0	31	• Diode	
	2	HE3621A0520	5	200	3.75	0.5	14	Coaxial Screen	
		HE3621A1220	12	500	8.0	1.0	22		
		HE3621A2420	24	1000	16.0	2.0	31		

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