

HE3600

Miniature Single In-line Reed Relay

Table 2
Electrical and Operating Characteristics @ 25°C

Characteristics			Contact Type
			Form A SPST-NO Standard
			Relay Type
			HE3621A
Contact Rating ¹	Power, Switching	Watt - Max.	10
	Voltage, Switching ²	Vdc - Max.	200
		Vac - Max.	140
	Current, Switching ³	Adc - Max.	0.5
Aac - Max.		0.35	
Voltage Hold-off ⁴	Across Open Contacts	Vdc - Min.	250
		Vac - Min.	1500
	Contacts to Coil	Vac - Min.	1500
		Between Isolated Terminals	Vac - Min.
Resistance	Contact, Initial	Ω Max.	0.150
	Insulation Across Open Contacts	Ω Min.	10 ¹⁰
		Insulation Between Isolated Terminals	Ω Min.
Timing	Operate Time	ms - Max.	1.0
	Release Time	ms - Max.	1.0
Environmental	Temperature, Operating	°C	-40 to +85
	Temperature, Storage ⁵	°C	-40 to +105
	Vibration Resistance	G - Max. 10-2000 Hz.	20
	Shock Resistance	G - Max. 11 ms ½ sine	50

Notes:

- Contact rating - Product of the switching voltage and current should never exceed the wattage rating. Contact Littelfuse for additional load/lofe information.
- When switching inductive and/or capacitive loads, the effects of transient voltages and/or currents should be considered. Refer to Application Notes AN108A & AN107 for details.
- Electrical Load Life Expectancy - Contact Littelfuse with voltage current values along with type of load.
- Breakdown Voltage - Per MIL-STD-202, Method 301.
- Storage Temperature - Long time exposure at elevated temperature may degrade solderability of the leads.

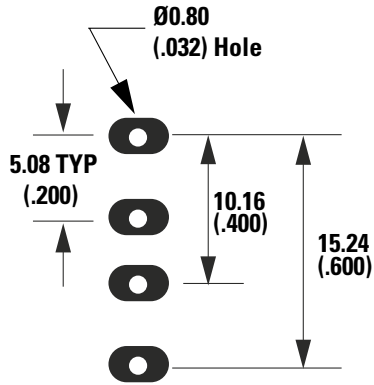
Table 3
Coil Characteristics @ 25°C

Contact Form & Type	Electrical & Operating Characteristics	Dimensions	Part Number	Nominal Coil Voltage Vdc	Coil Resistance ±10% Ohms	Must Operate Vdc	Must Release Vdc	Maximum Coil Voltage Vdc	Top View 2.54mm (0.1") Grid Dot on Case: Pin 1 Numbers not printed on case.
1A SPST-NO	See Table 2	See Table 1	HE3621A0500	5	500	3.75	0.5	14	
			HE3621A1200	12	1000	8.0	1.0	22	
			HE3621A2400	24	2150	16.0	2.0	31	

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HE3600 PCB Layout
(Bottom View)



Part Numbering System

HE3600 - X - XX - XX

Model Number
HE3621 - Standard

Contact Type
A - Form A (SPST-NO)

Standard Coil
05 - 5 Volt
12 - 12 Volt
24 - 24 Volt

General Options
00 - No Options
10 - Diode Suppressed Coil
40 - External Magnetic Shield
50 - Ext. Magnetic Shield & Diode

Note: Not all combinations of Part Number suffixes are available. Contact Littelfuse for details.

Packaging

Packaging Option	Packaging Specification	Quantity	Quantity & Packaging Code	Taping Width
Bulk	Bulk	5367/5600	N/A	N/A

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