



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

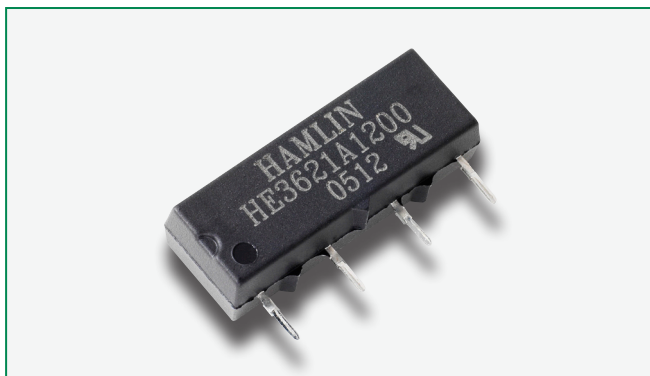
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# HE3600 Miniature Single In-line Reed Relay



## Description

The HE3600 is a miniature reed relay in a SIL package with a normally open contacts capable of switching up to 200Vdc at 10W. It is available with 5V, 12V, and 24V coils and has external magnetic shield and diode suppressed coil options.

## Features

- Miniature single in-line package
- Optional coil suppression diode to protect coil drive circuits
- Normally open contact version
- RoHS Compliant
- External magnetic shield option
- Diode suppression option

## Benefits

- Sub-miniature size and single in line configuration allows very high packing densities, minimizing space and cost
- Transfer molded package gives maximum component protection
- Lower power coil consumption than competing electromechanical devices
- Hermetically sealed switching contact is immune to the effects of its environment

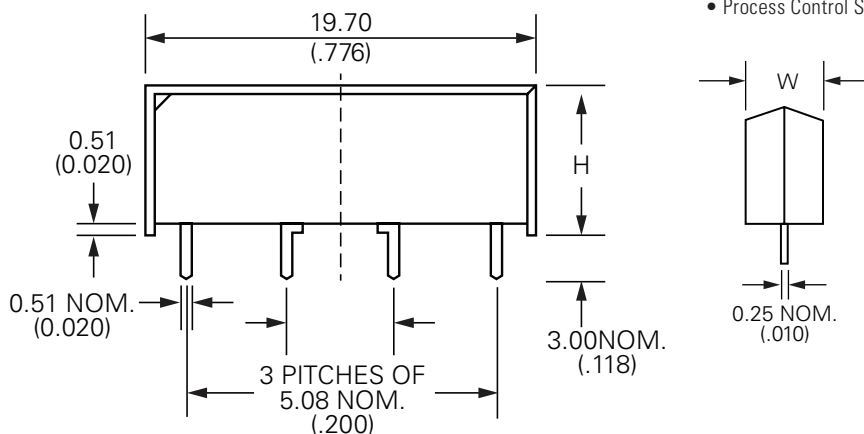
## Agency Approvals

Agency	Agency File Number
	E47258

Note: Contact Littelfuse for specific agency approval ratings.

## Dimensions

Dimensions in mm (inch)



**Table 1: Dimension**

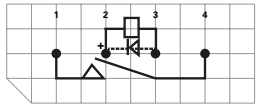
Relay Type	Body Type	L	W	H
HE3600	Transfer Molded	19.05 (.750)	5.08 (.200)	7.45 (.293)
	External Shield	19.70 (.776)	5.65 (.222)	7.87 (.310)

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**Table 2: Electrical and Operating Characteristics @ 25°C**

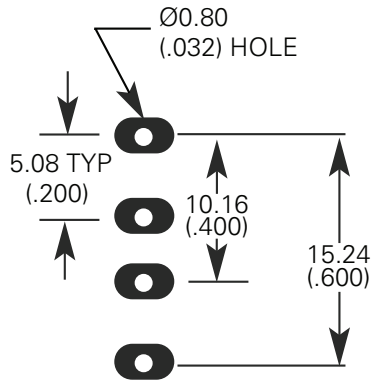
Column Number	1		
Contact Type	<b>Form A SPST-NO Standard</b>		
Relay Types	<b>HE3621A</b>		
Contact Rating <sup>1</sup>	Power, Switching Voltage, Switching Current, Switching Current, Carry	Watt - max. Vdc - max. A - max. A - max.	10 200 0.5 1.2
Voltage Hold-off <sup>4</sup>	Across Open Contacts Contacts to Coil Between Isolated Terminals	Vdc - min. Vac - min. Vac - min.	250 1500 1500
Resistance <sup>5</sup>	Contact, Initial Insulation Across Open Contacts Insulation Between Isolated Terminals	Ω max. Ω min. Ω min.	0.150 10 <sup>10</sup> 10 <sup>10</sup>
Timing	Operate Time Release Time	ms - max. ms - max.	1.0 1.0
Environmental	Temperature, Operating Temperature, Storage Vibration Resistance Shock Resistance	°C °C G - max. 10-2000 Hz. G - max. 11 ms ½ sine	-40 to +85 -40 to +105 20 50

**Table 3: Coil Characteristics @ 25°C**

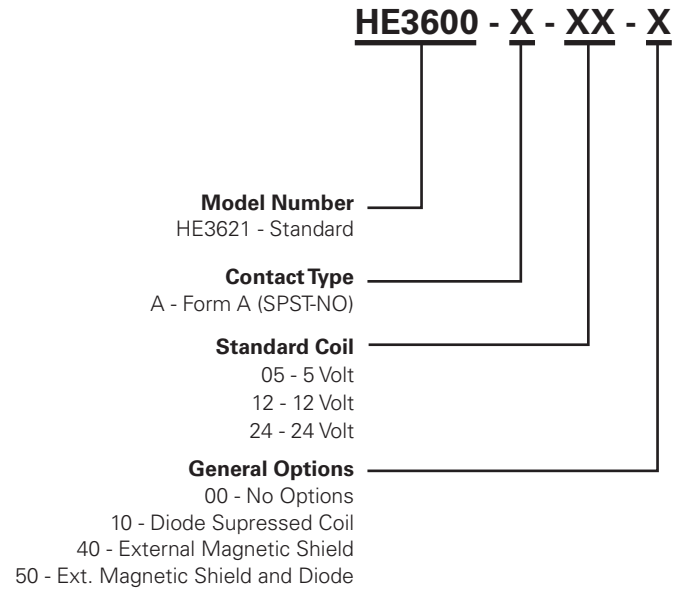
Contact Form and Type	Electrical and Operating Characteristics	Dimensions	Part Number	Nominal Coil Voltage Vdc	Coil Resistance ±10% Ohms	Must Operate Vdc	Must Release Vdc	Maximum Coil Voltage Vdc	Top View 2.54mm (0.1") Grid Dot on Case: Pin 1 Numbers not printed on case.
1A SPST-NO	See Table 2	See Table 1	HE3621	5	500	3.75	0.5	14	
				12	1000	8.0	1.0	22	
				24	2150	16.0	2.0	31	

# HE3600 Miniature Single In-line Reed Relay

## HE3600 PCB LAYOUT (Bottom View)



## Part Numbering System



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	1000/5000	N/A	N/A