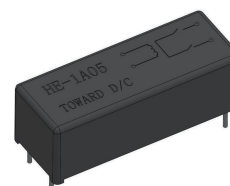


## 1a, Hi-Voltage Reed Relay

### Features

- High Breakdown Reed Relay
- High Current and power Reed Relay
- Low and Stable contact Resistance
- Low Stray Capacitance



### Order Code

HE-1A 12 X  
a b c

a: Contact Form: 1A=1 Form A

b: Nominal Coil Voltage: 12=12VDC, 24=24VDC

c: Nil=Standard Type, D=Diode

### Coil Data-Standard Type (at 20°C)

Part Number	Nominal Voltage DC $\pm$ 10%[V]	Coil Resistance $\pm$ 10% (ohm)	Nominal Current (mA)	Must Release Voltage MIN.[V]at 20°C	Must Operate Voltage Max.[V]at 20°C
HE-1A12	12	400	30	1.2	9.0
HE-1A24	24	1600	15	2.0	18.0

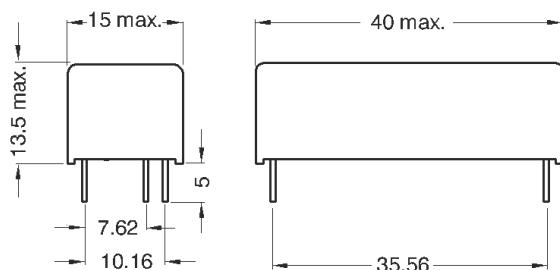
### Contact Rating

Contact Rating	100W
Switching Voltage Max DC/Peak AC	1000VDC
Max. Switching Current Max DC/Peak AC	1.0A
Max. Carry Current	2.5A

## Specification

Contact Resistance	150m $\Omega$
Breakdown voltage	Open contacts 6KVDC
	Contact to Coil 15KVDC
Electrostatic Capacitance	0.5 pF
Insulation Resistance	Open contacts 10 <sup>10</sup> $\Omega$
	Contact to Coil 10 <sup>12</sup> $\Omega$
Operate Time	1.1mS
Release Time	0.1mS
Vibration	20G(10~2000Hz)
Shock	50G(11mS. 1/2Sin Wave)
Operating Temperature	-20°C~+70°C
Storage Temperature	-35°C~+105°C
Life Expectancy	1V.10mA.1X10 <sup>9</sup> Ops

## Dimensions(Unit:mm)



Pins:  $\varnothing 0.8$  mm  
L =  $5 \pm 0.3$  mm  
Material: Cu-alloy tinned

## Wiring Diagrams(Top View)

